ANNUAL REPORT

OF THE

ARCHÆOLOGICAL SURVEY OF INDIA

EASTERN (NOW CENTRAL) CIRCLE

FOR

1919-20

PATNA:
SUPERINTENDENT, GOVERNMENT PRINTING, BIHAR AND ORISSA
1920.

[Price—Indian, As. 10.]

BOMBAY BRANCH

OF THE

Royal Asiatic Society.

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ARCHÆOLOGICAL SURVEY.

CENTRAL CIRCLE.

No. 940.

FROM

V. NATESA AIYAR, ESQ., B.A.,
OFFG. SUPERINTENDENT, ARCHÆOLOGICAL SURVEY, CENTRAL CIRCLE,

To

THE SECRETARY TO THE GOVERNMENT OF BIHAR AND ORISSA, EDUCATION DEPARTMENT, RANCHI.

Dated Patna, the $\frac{21st}{22nd}$ *July* 1920.

SIR,

I HAVE the honour to forward herewith the Annual Report of the Archæological Survey, Eastern Circle, for the year 1919-20, together with one set of photographs taken during the year (sent separately).

Three photographic plates and two drawings have been prepared to illustrate the conservation and excavation work carried out at Nalanda, an account of which is given in Part II of this Report, and they are being sent to the Superintendent, Map Publication, Calcutta, direct, as desired in your letter No. 583-E.R., dated the 18th June 1920.

I have the honour to be,

SIR,

Your most obedient servant,

V. NATESA AIYAR,

Offg. Superintendent, Archæological Survey, Eastern Circle.

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PART I.

GENERAL REMARKS.

Office.—Mr. K. N. Dikshit, Curator, Provincial Museum, Lucknow, continued to officiate as Superintendent of the Archæological Survey, Eastern Circle, during the year under report until the afternoon of the 1st September, 1919, when he was succeeded by Rai Bahadur Daya Ram Sahni, Superintendent, Hindu and Buddhist Monuments, Northern Circle. On the 3rd February 1920, the latter reverted to his permanent post, and I, who was officiating for him in the Northern Circle, was appointed to succeed him here substantively *pro tempore* and took actual charge of this office on the forenoon of the 20th February 1920. It may be noted that during the period which intervened between the 3rd and the 20th February 1920, Pandit Hirananda Sastri, Assistant Superintendent, was carrying on the duties of the Superintendent in addition to his own.

Mr. H. Panday was Assistant Superintendent until the morning of the 25th November 1919, on which date he fell a victim to Influenza at distant Jubbulpur, away from his home, his friends and his relations, while returning from Poona whither he had gone to attend the first Conference of Orientalists. The post which thus fell vacant remained so till Pandit Hirananda Sastri, who was Superintendent of Archæology in the Kashmir State, was appointed to officiate in it and took over charge on the forenoon of the 2nd January 1920, myself having been previously confirmed as Assistant Superintendent of this Circle *vice* the late Mr. Panday.

Of the changes in the office establishment the following deserve mention: Babu Makhan Lal Mullick, Accountant, whose services had been lent to the Director-General of Archæology in India, reverted to his substantive post in this office on the forenoon of the 12th July 1919, Babu Krishna Chandra Mazumdar, Head Clerk, having been allowed to officiate as Accountant during his absence. Babu Samanna acted as Head Clerk in the above arrangement and reverted to his permanent post in the Executive Engineer's office, Mercara, Coorg Division, on Babu Makhan Lal Mullick's return. Pandit Surju Prasad, Draftsman, likewise reverted to his permanent post in the Provincial Museum, Lucknow, on the forenoon of the 1st September 1919, and the post remained vacant until Maulavi Shamsul Huque was appointed to the same on the 26th February 1920. I am glad to record that all the members of my staff discharged their duties satisfactorily.

For statements regarding leave granted to the staff and the office expenditure for the year under review *vide* Appendices A and B respectively.

2. *Tours of Officers.*—It will be seen from Appendix C that 94 days were spent on tour by the Superintendent and 138 days by the Assistant Superintendent.

During the period, namely, from April to 1st September 1919, Mr. K. N. Dikshit, the then Offg. Superintendent, made short inspection tours to Nalanda, Kumrahar, Panch Pahari and Maner in the Patna District. Between May 21st and 25th he visited Bangong in the Bhagalpur District in connexion with

the discovery of a Treasure Trove. Rai Bahadur Daya Ram Sahni, Superintendent, Hindu and Buddhist Monuments, Northern Circle, Lahore, while enjoying his annual recess in Simlā, succeeded Mr. Dikshit on the 2nd September 1919, as Superintendent of the Eastern Circle. He came down to headquarters on the 10th October 1919, after the Durga Puja vacation, and inspected Kumrahar and Panch Pahari before he proceeded to Poona on the 2nd November to take part in the deliberations of the first Conference of Orientalists. On his way back on the 14th November he visited Bheraghat and Garha in the Jubbulpur District and Bodh Gaya and returned to headquarters on the 17th. On the 24th, 25th and 30th November he made short inspection tours to Kumrahar. On the 26th he accompanied Professor Foucher to Vaisali in the Muzaffarpur District, and between the 4th and the 6th December he was likewise engaged with the Professor and accompanied him to Bodh Gaya. Between the 11th and the 13th December he visited Bihar, Nalanda and Rajgir. Between January 18th and February 1st, 1920, he visited Bhubaneswar at the instance of the Local Government and the Director-General of Archæology in India in order to see what conservation works were necessary to the Lingaraja Temple and to examine the repairs carried out to other temples there. On the 20th February 1920, I joined this office as Offg. Superintendent and undertook short inspection tours to Kumrahar, Nalanda and Maner between the 25th February and the 10th March 1920. Then I went to Bihar on the 17th March 1920, to arrange for the removal of the Gupta Pillar from the Subdivisional Officer's court compound to the Patna Museum under the orders of His Honour the Lieutenant-Governor of Bihar and Orissa. From 26th to 29th March I visited Calcutta to examine the Belwa and Nalanda bronzes which were being treated by the Archæological Chemist in the Indian Museum and thence proceeded to Diamond Harbour to inspect a Treasure Trove find.

The Assistant Superintendent, the late Mr. Panday, spent 97 days in camp. Most of this period was devoted to the exploration of the ancient sites at Belwa and the preparation of a plaster cast and estampages and squeezes of the famous Hathigumpha cave inscription at Khandagiri for the Patna Museum under the orders of the Local Government. His successor Pandit Hiranand Sastri spent altogether 55 days in camp, of which 18 days were employed in the inspection of some of the most important monuments in Orissa and Gaya and the remaining 37 days in conducting the conservation and exploration of the remains at Nalanda.

3. *Exploration.*—Excavations were resumed at the site of Bulandibagh by Mr. Dikshit and carried on during the months of June and July 1919. As an account of these diggings has already appeared in the last year's report a reference to the same seems to me all that is needed here. The Assistant Superintendent's excavations at Belwa in the Saran District were likewise continued until August 1919, and a summary of the results was published in the last year's report.

The work of excavating the Buddhist remains at Nalanda was also continued during the year under review. As this work was commenced late in February 1920, it was kept going until the end of June. Hence the account given below relates to the entire season's work and is not confined to the work accomplished up to the end of the financial year. The operations were planned in consultation with Dr. Spooner, Deputy Director-General of Archæology in India, who visited the site in February 1920, and carried out under the direct supervision of Pandit Hirananda Sastri, Assistant Superintendent, whose account of the same will be found in Part II of this Report.

The total amount spent on excavations during the year, including the wages of chaukidars appointed to look after the excavated sites, comes to Rs. 3,515-9-11.

4. *Conservation.*—In Appendix D will be found the statement of expenditure on Archæological works in the four provinces comprising the Eastern Circle.

(*A*) *Assam.*—The total expenditure on conservation work in Assam amounted to Rs. 1,927, distributed over 23 items, of which only one is for special repairs. The repairs to Gargaon palace at Nazira in Sibsagar District have been completed at a cost of Rs. 338 against an estimate for Rs. 350, the expenditure during the year being Rs. 51. The work consisted of repairing and filling up cracks in arches, etc., with brick work and concrete. Rupees 712 has been spent out of an estimate for Rs. 1,000 for annual repairs to the monuments and antiquities at Sibsagar and the work is said to be in progress, while annual repairs to the monolithic ruins at Dimapur, and to the Durbar Hall, Coronation room, citadel wall, Nautchghar and Yuvaraja's temple at Manipur have been completed at a cost of Rs. 268 and Rs. 532 respectively. All the other items were mostly of a petty nature and in no single instance cost more than Rs. 60.

(*B*) *Bengal.*—The expenditure on conservation works in Bengal during the year under notice amounted to Rs. 13,673-11-0 as compared with Rs. 13,409 in the preceding year. Out of this amount Rs. 7,070-5-0 were spent on 88 items of ordinary repairs, while 11 items of special repairs were carried out at a total cost of Rs. 6,603-6-0.

Hossani Dalan and Kutub Mosque in the Eastern Bengal which suffered during the earthquake and cyclone of 1918 were put in order. Repairs to make good the damage caused by rains to the Chika Mosque at Gaur in Malda District were carried out at a cost of Rs. 554. The floor of this building which was very low was raised and the debris which had accumulated all round the building removed to a distance and the ground levelled.

The mounting of the Dalmadal gun at Vishnupur in the Bankura District was undertaken at the instance of His Excellency the Governor of Bengal and completed at a cost of Rs. 1,138-6-0 against an estimate for Rs. 1,185.

In addition to the above, special repairs were carried out to the following monuments :—

(1) The Ichai Ghosh temple at Gaurangpur in the Burdawn District was conserved at a cost of Rs. 954 against an estimate for Rs. 984, and the work consisted of earthwork infilling in the compound, dismantling defective masonry and renewing the same with special sized bricks, removing jungle, uprooting trees and providing an iron-door and a notice board.

(2) The repairs to the historical monuments in the Murshidabad District were continued and completed at a total cost of Rs. 2,054. The work accomplished during the year under review comprised mainly jungle clearance, substitution of iron grilled doorways for wooden ones and repairs to the tablets, inscriptions and plaster of the tombs, and cost Rs. 839.

(3) Rupees 231 was spent, out of an estimate for Rs. 653, on the cutting of trees, uprooting of jungle and filling of cracks in the walls of the Nanda Lal Temple at Vishnupur in the Bankura District.

(4) The retaining walls of the Satgumbaz Mosque at Sat Majid in Dacca District were repaired at a cost of Rs. 164 against an estimate for Rs. 192.

(5) Rupees 742 were spent, out of an estimate for Rs. 2,197, on structural repairs to the Palpara Temple at Chakdah in Nadia District to arrest further decay and the work is said to be in progress.

(*C*) ***Bihar and Orissa.***—The Public Works Department report that Rs. 6,841 were spent on conservation work in Bihar and Orissa during 1919-20. Of the 57 items on which this amount was distributed only two were special repairs.

The monument over the battlefield of Buxar in the Shahabad District was completed at a total cost of Rs. 9,362, of which the sum of Rs. 846 represents the expenditure during the year under review.

Special repairs to the Arrah House in the Shahabad District were completed during the year at a cost of Rs. 2,216 against an estimate for Rs. 2,414. The work carried out to this monument comprised (*a*) replacing joist lintels

on the arches over the doorways in the first floor and repairing the plain masonry over the door openings; (*b*) renewal of several wooden beams, burgas and doors; (*c*) renewal of wooden casement over the ladder leading to the second floor.

A notice board was set up on the mound known as "Chota Pahari" in Pataliputra, at a cost of Rs. 28 and the floor of the Gola (granary) has been repaired at a cost of Rs. 7.

Of the 53 items of annual and quadrennial repairs in Bihar and Orissa during the year under review the following exceeded Rs. 200 in each case: (1) The tomb of Ibrahim Khan and Makhdum Shah at Maner in Patna District, where Rs. 395, against an estimate for Rs. 549, were spent and the work is said to be in progrsss; (2) quadrennial repairs to the Fort and bastion at Buxar in the Shahabad District which were carried out at a cost of Rs. 400; (3) annual repairs to the Rohtas Fortress in the Shahabad District which were carried out at a cost of Rs. 482 against an estimate for Rs. 503; (4) The Black Pagoda at Konarak in Puri District, where Rs. 552 were spent and the work is said to be in progress; (5) annual repairs to the caves at Khandagiri and Udayagiri and temples at Bhubaneshwar in Puri District which are said to be in progress and on which Rs. 219 have been spent during the year, against an estimate for Rs. 313.

Nalanda.—The conservation work at Nalanda was started in February 1920, and carried on *pari passu* with the excavations until the end of June. Pandit Hiranand Sastri, Assistant Superintendent, had the sole charge of the work throughout and has given an account of the same in Part II of this Report.

(*D*) *Central Provinces and Berar.*—The expenditure on Archæological works in the Central Provinces and Berar during 1919-20 amounted to Rs. 15,919 as compared with Rs. 9,580 during the previous year. This amount was distributed over 49 items, of which 13 were for special repairs and 36 for annual repairs and executed at an aggregate cost of Rs. 13,370 and 2,549 respectively.

At Bilheri in the Jubbulpur District special repairs to the Vishnu Varaha Temple were completed during the year at a cost of Rs. 1,323 against an estimate for Rs. 1,181. The nature of the work consisted of cementing the roof of the porch, re-erecting and strengthening the old columns of the porch, the closing of the openings on the north and south of the shrine and in the walls with wire-netting, the replacing of the missing stones of the platform south-east of the porch, wire-fencing round the platform, and collecting and placing inside the wire-fencing all the scattered images, and fixing a notice board.

At Burhanpur in the Nimar District, special repairs to the Tombs of Shah Nawaz Khan and Shah Shuja and to the Palace inside the Fort were completed at a cost of Rs. 953, Rs. 236 and Rs. 543, against an estimate for Rs. 1,009, Rs. 424 and Rs. 2,083 respectively. The nature of the work to the Tomb of Shah Nawaz Khan consisted of repairs to floor plaster, to the Tomb of Shah Shuja, of repairs to the compound wall and to the Palace in the Fort, of placing tablets and cut stone work on brackets.

At Balapur in the Akola District, special repairs to the Balapur Fort were completed at a cost of Rs. 1,765 against an estimate for Rs. 1,927, and the work comprised the filling of cracks, redoing worn-out pointing and rebuilding some of the fallen masonry of the outer and inner projections.

Special repairs to the following monuments are said to be in progress during the year under review:—

(1) The Tomb of Nadir Shah at Burhanpur, Nimar District, where the rubble masonry of walls under the windows and the octagonal portions of the dome were refaced with fine ashlar masonry, wherever missing.

(2) The Juma Musjid at Asirgarh where the broken brackets and chhajja stones were renewed.

(3) The Temple at Kanorabari, Damoh District.

(4) The ruined Jain Temple and statues, enclosed in a wire fencing at Eran, Saugor District.

(5) The Mahadeva Temple at Ghogra and Khapa, Nagpur District.

(6) The Vishnu Temple at Janjgir, Bilaspur District.

(7) The small Temple at Lohara, Yeotmal District, where the roof was repaired and rendered water-tight and the cracks in the pavement made good.

(8) The Madha Monuments at Mekhar, Buldana District, where the cracked portions of the retaining walls were rebuilt.

5. *Protected Monuments.*—It will be seen from Appendix E, that 9 monuments have been added to the list of protected monuments, of which 7 are from Assam and 2 from Bihar and Orissa.

6. *Treasure Trove.*—*(a) Consisting of Coins.*—Six new finds were reported during the year, of which four are from Bengal, and two from Bihar and Orissa. In three cases in Bengal, acquisition was recommended, as the coins were of historical interest. As regards Bihar and Orissa the finds from Gaya were recommended for acquisition. Reports about four more cases in Bihar and Orissa, which were mentioned in the Annual Report for 1918-19, have been received this year. In Appendix H will be found a tabular statement giving the details in regard to these finds.

One of the Treasure Trove finds was reported from the Orissa Feudatory States. It consisted of 3 large gold coins and 19 small ones which were found, by chance, in the bed of of the "Tel" river in the Sonpur State. The Political Agent, Mr. Cobden-Ramsay, sent me two of the smaller kind for examination. I examined and returned them with the following remarks:—

> "They seem to be gold fanams of the Ganga Dynasty of Kalinga of the 12th century A. D. On the obverse is the legend giving the regnal year of the king by whom they were issued and on the reverse is the figure of a recumbent bull with a crescent above and other symbols. The coins are of historical interest and deserve careful preservation".

Of this Treasure, I learn that the Feudatory Chief of the Sonpur State has been kind enough to present two small specimens to the Patna Museum.

The Collector of Gaya reports the discovery of 18 gold coins in village Math Puraria, police-station Rafigunj, within the jurisdiction of the Aurangabad Subdivision and says that, as the coins are apparently old, he has recommended their acquisition by Government. It seems to me desirable that the find is examined by an expert numismatist before its acquisition is finally decided upon by Government.

The Additional District Magistrate, Dacca, informs me about the discovery of 25 old silver coins in village Atturanayarbag, police-station Baidyerbazar, which were found in an earthen pot by Madan Shekh Juna and Shadulla of Nazirganj, while digging earth. The coins were examined by the Curator, Dacaa Museum, and, according to him, they belong to the reign of Mahmud Shah, Emperor of Delhi, 1719-1748 A.D., and are of historical value. The Curator has recommended their acquisition.

The Collector of Dacca informs me about the discovery of 346 old silver coins in a brass pot under the ground by Krishna Charan Goai Das of Keteen, police-station Rupganj, subdivision Narainganj while digging earth in the house of Mahendra Kumar Goai Das of the same village. The coins were sent for examination to the Curator, Dacca Museum, by the Subdivisional Officer, Narainganj. The Curator reports the find as an important one and says that it consists of coins of the

early independent Sultans of Bengal and classifies them as follows :—

Ghaisuddin Bahadur Shah	1
Fakhruddin Mubarak Shah	1
Ilyas Shah	33
Sikandar Shah	60
Azam Shah	72
Hamza Shah	14
Bayazid Shah	34
Firoz Shah Ibn Bayazid Shah	5
Danuj Maddanna Deva	3
Mahendra Deva	1
Muhammad Shah	122

The Curator recommends their acquisition.

(*b*) *Not consisting of coins.*—Of Treasury Trove not consisting of coins, three new finds were reported during the year, namely, one from Bihar and Orissa and two from Bengal. The former, which was discovered at Monghyr, consists of 16 gold ear-rings and 4 silver bangles. They were found by Naktu Das Sadhu while erecting a hut at Babu Takiya, Kasimbazar, Monghyr. As they are all modern and bear no artistic or archæological interest, their acquisition has not been recommended by the Collector.

The finds from Bengal comprise two stone images of Vishnu and were discovered at Falta in the Diamond Harbour Sub-division of the 24-Parganas by Manik Khasa of Jaffarpur, while digging the bed of the Falta river. As a new Archæological Circle, comprising Assam and Bengal, with its head-quarters at Calcutta has been created from the 1st April 1920, and as I could not get sufficient time to visit Falta prior to that date, the papers on the subject have been transferred to the Superintendent, Archæological Survey, Eastern Circle, for necessary action.

In the section under Treasure Trove consisting of coins, I have noticed the discovery of 25 old silver coins in the village of Attaurnayarbag, Dacca. Along with these coins were found six small silver ornaments of the size of peas, valued at Rs. 20, and I understand that their acquisition has been recommended by the Curator, Dacca Museum,

7. *Museums.—Rajshahi Museum.*—The Honorary Secretary, Varendra Research Society, Rajsahi, reports that the following additions were made to the Archæological section of the Society's Museum during the year :—

1. An image of Ananta Balarama.
2. An image of Vishnu with an inscription on the pedestal.
3. A big broken image of Chamunda.
4. A very well preserved Navagrah slab.
5. A gold coin of the Kushan period.
6. A gold coin of "Archer type" of king Chandra Gupta II (Vikramaditya), from the District of Bogra District.
7. A broken stone slab containing a fragmentary inscription in eulogy of a Nandi family from Mahasthan in Bogra District.

Patna Museum.—Mr. Manoranjan Ghosh, Curator, Patna Museum, reports that, during the year under review, additions were made in all the

sections of the Museum and forwards the following statement showing the number of specimens acquired for each section.

Archæology ...	...	1,084
Estampages ...	Single ...	75
	Duplicate ...	334
	Triplicate ...	26
Plaster of Paris casts	...	22
Picture Gallery	...	28
Numismatics ...	...	316
Mineralogy ...	...	240
Ethnology ...	...	43
Art ...	...	5
Industry ...	...	169
	Total ...	2,342

Of these 1,623 were presented and the rest purchased. Three-hundred and sixteen coins were added to the Museum Cabinet, of which 90 are of silver, 22 of gold, 88 of billon, 104 of copper and 12 of brass.

Nagpur Museum.—Mr. E. A. D'Abreu, Curator, Central Museum, Nagpur, says that the only exhibit of Archæological interest, other than coins, added to the Museum during the year under notice is an inscribed stone of the time of Sultan Burhan Nizam Shah of Ahmednagar. This was discovered at Kalamb in the Yeotmal District and probably served as a boundary pillar. Two-hundred and fifteen coins, mostly from Treasure Trove, and one coin of Wajid Ali of the Oudh Dynasty, Lucknow, which was obtained from the Curator, Lucknow Museum, were added to the Museum Cabinet.

8. *Epigraphy.*—The notable event of the year is the preparation of a plaster cast and inked estampages and squeezes of the well-known Kharavela inscription in the Hathigumpha Cave at Khandagiri by the late Mr. Panday, Assistant Superintendent, under the orders of the Local Government, who were pleased to sanction for this purpose a special grant of Rs. 1,200. Mr. Panday also prepared impressions of the Asoka inscription at Dhauli and the inscriptions on the coping stone of the Bodh Gaya railing in the Indian Museum, Calcutta. The plaster cast, inked estampages and squeezes of the Kharavala inscription are now preserved in the Patna Museum and it is gratifying to record that they will be made available for study as soon as the Museum is declared open to the public.

During the year under report, Pandit Madho Swarup Vats, Epigraphist to the Patna Museum, was engaged in copying inscriptions in Shahabad, Gaya, Puri, Cuttack and Patna Districts, and in the Indian Museum, Calcutta, and all the impressions taken by him were made over to the Curator, Patna Museum. Having secured the Sanskrit scholarship in the office of the Director-General of Archæology in India he vacated his post in the Patna Museum on the forenoon of the 1st March 1920, and no one has yet been selected to succeed him.

The impressions prepared by Pandit Madho Swarup Vats number 231 in all and may be classified as follows:—

Patna District.—Rajgir, Bargaon, Tetrama, Bihar, Telhana, Jugdispur ...	51
Shahabad District.—Deo Bonarak	1
Gaya District.—Gaya, Bodh Gaya, Sher Muhmudabad, Deo Guneri and Banda Hills	111
Puri District.—Dhauli, Bhubaneswar Temple	18
Cuttack District.—Chateswar, Nandaparvati, Udayagiri, Nandagiri, Ratnagiri	12
Indian Museum	2
Patna Museum	36
	231

Babu Chuni Lal Ray, Superintendent of Excise on special duty in Bihar and Orissa, sent through one of my Assistants an inscribed copper-plate for my examination. The inscription refers to the reign of the Vakataka King Pravarasena II, the plate sent to me being the central portion of a grant. From a comparison with similar grants of his reign it may be conjectured that there should be at least four more plates belonging to this, and a ring and seal as well. I have therefore requested Babu Chuni Lal Ray to find out where the remaining plates are and send them on to me for publication in the *Epigraphia Indica*.

On the 9th September 1919, Mr. A. C. Tunstall of the Tocklai Experimental station, Cinnamara, Jorhat (Assam), sent a piece of carved stone bearing an inscription, which seems to be of Ahom origin, for examination. I examined the inscribed stone and attributed it to the 12th or 13th century A. D. The inscription is far too mutilated and fragmentary to be read with any degree of certainty. All that can be said about it is that it appears to have formed part of a 'yantra'; while the scene portrayed on the reverse of the stone resembles the *Vamanavatra* or dwarf incarnation of Vishnu. The tank near which the stone was found should have been associated in olden times with a temple of Siva or Vishnu, presumably the latter.

9. *Photographs and drawings.*—In Appendices F and G will be found the lists of photographic negatives and drawings prepared during the year. The negatives number 138 in all and include 56 interesting old ones which Mr. E. C. Ryland, late Deputy Inspector-General of Police, Crime and Railways, Bihar and Orissa, was kind enough to present to this office in exchange for three sets of prints.

The number of photo-prints sold to the public during the year under notice amounted to 70 and the sum of Rs. 33-6-0 realized thereby has been deposited in the Treasury.

All the drawings mentioned in Appendix G were prepared by the Assistant Superintendent's office and relate to the monuments excavated at Nalanda.

10. *Listing of ancient monuments.*—Some of the monuments in the Tirhut Division were inspected by the late Mr. Panday and notes were collected by him for the list which he was preparing. The actual work of compiling the list, however, was not put in hand during his life time, but it is hoped that Pandit Hiranand Sastri, the present Assistant Superintendent, will be able to commence the same early in autumn.

11. *The Antiquarian Maps of Bihar and Orissa.*—According to the wishes of the Local Government the task of publishing the antiquarian maps of Bihar and Orissa has been entrusted to the Government Drawing Office at Gulzarbagh, who will carry out the work under the instructions of this department. The map for the Chota Nagpur Division is now almost ready, and that for the Orissa Division is nearing completion. It may be noted that, although all the available information regarding old monuments and sites in these two divisions has been supplied by this office, yet it cannot be doubted that, the maps will have to be revised from time to time as further researches are made and fresh information is gathered.

12. *Publications.*—I read a paper on 'Ancient Indian Sites and How to excavate them' at the Oriental Conferences, Poona, and the late Mr. Panday, Assistant Superintendent, contributed an article on 'A copper-plate grant of Dandi Mahadevi' to the *Journal of the Bihar and Orissa Research Society* and read a paper on 'The Vajji Country and the Mallas of Pava' at the Oriental Conference.

V. NATESA AIYAR,
Offg. Superintendent, Archaeological Survey,
Eastern Circle.

PATNA:
The 15th July 1920.

ANNUAL REPORT

OF THE

ARCHÆOLOGICAL SURVEY OF INDIA

EASTERN (NOW CENTRAL) CIRCLE

FOR

1919-20

APPENDIX A.

Leave taken during the year 1919-20 :—

SUPERINTENDENT'S OFFICE.

Babu Haridas Dutta, Excavation Assistant.	Privilege ...	16 days ...	3rd to 18th February, 1920.
Maulvi Azhar Hosain, Clerk.	,,	1 month ...	4th June to 3rd July, 1919.
Pandit Sarju Prasad, Draftsman.	,,	14 days ...	14th to 27th June, 1919.

ASSISTANT SUPERINTENDENT'S OFFICE.

Babu Pindi Lal, Temporary Photographer.		Combined...	6 months ...	From 15th January, 1919.
Ditto	ditto.	Medical ...	8 months ...	From 15th July, 1919.
Ditto	ditto.	,,	6 months ...	From 15th March, 1920.

APPENDIX B.

The expenditure during the year was as follows :—

	Rs. a. p.	Rs. a. p.
Salary of Gazetted officers—		
Superintendent's pay	5,813 12 7	
Assistant Superintendent's pay ...	3,670 5 2	9,484 1 9
Salary of non-gazetted Establishment—		
3 Clerks	1,829 3 1	
1 Photographer	751 9 10	
2 Draftsmen	1,174 7 3	
1 Excavation Assistant ...	1,256 0 0	
1 Accountant	1,032 6 2	
1 Jamadar	120 0 0	
5 Peons	643 3 9	
1 Chaukidar	72 0 0	
Privilege leave allowance from 4th June to 3rd July 1919, at Rs. 50 per mensem paid to a substitute Clerk	49 13 5	
Paid to a substitute Draftsman ...	275 5 4	
Temporary Establishment ...	66 4 1	
Grain compensation allowance ...	396 9 8	7,666 14 7
Allowances—		
Travelling allowances, Gazetted officers	3,604 8 6	
Travelling allowances, Establishment...	2,442 13 4	6,047 5 10
Supplies and Services—		
Charges for Excavations ...	3,515 9 11	
Photographs and Photo materials ...	1,224 11 0	
Purchase of Instruments ...	1 12 0	
Purchase and repair of tents ...	1,534 3 0	6,276 3 11
Carried over ...		29,474 10 1

				Rs.	a.	p.
	Brought forward		...	29,474	10	1
Contingencies—		Rs.	a.	p.		
Purchase of stationery		0	8	0		
Purchase of books		304	1	0		
Belts, badges, and liveries to peons ...		68	0	0		
Rents, rates and taxes		409	1	5		
Postage and telegram charges ...		425	4	0		
Conveyance of tents, stores, records, etc.		763	15	9		
Hot and cold weather charges ...		157	8	1		
Purchase and repair of furniture ...		662	14	6		
Miscellaneous		837	12	9		
Menial charges		89	4	6	3,718	6	0
	Total		...		33,193	0	1
Temporary Establishment—							
Salary—							
1 Photographer		842	10	6			
2 Peons		251	5	2			
Paid to a substitute Photographer ...		559	15	11			
Grain compensation allowance ...		75	10	6	1,729	10	1
Allowances—							
Travelling allowances		338	13	3	338	13	3
Contingencies—							
Miscellaneous		83	8	0	83	8	0
	Total		...		2,151	15	4

APPENDIX C.

The following statement shows the time spent on tour and the places visited :—

K. N. Dikshit, Esq.

(*Officiating Superintendent.*)

1919.

April, 17th to 19th	...	To Bargaon, for excavation and conservation at Nalanda.
„ 20th to 21st	...	To Rajgir, for inspection.
„ 22nd ...	...	To headquarters.
May, 21st ...	...	To Kumrahar, for inspection.
„ 23rd to 24th	...	To Gorhoghat, for inspection.
„ 25th ...	...	To headquarters.
„ 28th ...	...	To Kumrahar, for excavation at Bulandibagh.
June, 3rd ...	...	Ditto ditto.
„ 7th ...	...	Ditto ditto.
„ 9th ...	...	Ditto ditto.
„ 12th ...	...	To Maner, for inspection.
„ 13th ...	...	To Kumrahar, for excavation at Bulandibagh.
„ 15th ...	...	Ditto ditto.
„ 18th ...	...	Ditto for inspection.
„ 25th ...	...	To Pahari and Kumrahar, for inspection.
„ 29th ...	...	To Patna City and Kumrahar, for inspection.
July, 2nd ...	...	To Kumrahar, for inspection.
„ 3rd ...	...	Ditto ditto.
„ 4th ...	...	Ditto ditto.
„ 9th ...	...	Ditto ditto.
„ 12th ...	...	Ditto ditto.
„ 15th ...	...	Ditto ditto.
August, 14th ...	...	Ditto ditto.
„ 21st to 22nd	...	To Bargaon, for inspection.
„ 23rd ...	...	To headquarters.

RAI BAHADUR DAYA RAM SAHNI.

(Superintendent.)

1919.		
September, 2nd to October, 3rd	...	At Simla, to confer with the Director-General of Archæology in India.
October, 4th to 10th ...	...	To headquarters.
,, 16th ...	...	To Kumrahar and Agam Kuan, for inspection.
,, 29th ...	...	To Bulandibagh and Panch Pahari, for inspection.
November, 2nd to 7th ...	...	To Poona, to attend Oriental Conference.
,, 8th to 14th ...	...	To Behra ghat and Dhuandhar, for inspection.
,, 15th ...	...	To Jubbalpur, for inspection.
,, 16th ...	...	To Garha, for inspection.
,, 17th ...	...	To Bodh Gaya, for inspection.
,, 17th ...	...	To headquarters.
,, 24th ...	...	To Kumrahar, for inspection.
,, 25th ...	...	Ditto ditto.
,, 26th ...	...	To Vaisali, Kolhua and other monuments, for inspection.
,, 27th ...	...	To headquarters.
,, 30th ...	...	To Kumrahar, for inspection.
December, 4th ...	...	To Gaya, for inspection.
,, 5th ...	...	To Bodh Gaya, for inspection.
,, 6th ...	...	To headquarters.
,, 11th ...	...	To Bihar and Bargaon, for inspection.
,, 12th ...	...	To Rajgir, for inspection.
,, 13th ...	...	To headquarters.
1920.		
January, 18th to 19th ...	...	To Calcutta, for inspection.
,, 20th to 26th ...	...	To Bhuvaneswar, for inspection.
,, 27th ...	...	To Puri, for inspection.
,, 28th to 30th ...	...	To Calcutta, for inspection.
,, 31st to February, 1st	...	To headquarters.

V. NATESA AIYAR, ESQ.

(Officiating Superintendent.)

February, 16th to 17th ...	...	From Lahore to Patna, to take over charge of the office of the Superintendent, Archæological Survey, Eastern Circle.
,, 28th ...	...	To Kumrahar, for inspection.
March, 3rd to 5th ...	...	To Bargaon, for inspection of Nalanda remains.
,, 6th to 7th ...	...	To headquarters.
,, 7th	...	To Kumrahar, for inspection.
,, 10th	...	To Maner, for inspection.
,, 17th to 18th ...	...	To Bihar, ditto.
,, 19th	...	To headquarters.
,, 26th to 27th ...	...	To Calcutta and Diamond Harbour, for inspection.
,, 28th to 29th ...	...	To headquarters.

MR. H. PANDAY.

(*Assistant Superintendent.*)

1919.

April, 4th to 13th	...	To Belwa in Saran District, for excavation.
„ 14th	...	To Manjhi, for inspection of monuments.
„ 15th	...	To Hathwa, in connexion with excavation at Belwa.
„ 16th to 21st	...	To headquarters.
„ 22nd to 23rd	...	To Belwa, for excavation.
„ 24th	...	To Manjhi, for inspection of monuments.
„ 25th	...	To Belwa.
„ 26th	...	To Balthari mounds, for inspection.
„ 27th	...	To Belwa.
„ 28th	...	To Manjhi.
„ 29th	...	To Hathwa and Gopalganj.
„ 30th	...	To Belwa.
May, 1st to 6th	...	To Belwa.
„ 7th to 10th	...	To headquarters.
„ 11th to 12th	...	To ruins near Siwan for inspection, thence to Belwa camp for excavation.
„ 13th to 15th	...	To Belwa.
„ 16th	...	To Amahi and Ramdas Bagahi for inspection.
„ 17th to 24th	...	To Belwa, for excavation.
„ 25th to June, 7th	...	To headquarters.
June, 8th to 12th	...	To Rampurua and Gaunaha ruins, for inspection.
„ 13th to August, 26th	...	To headquarters.
August, 27th and 28th	...	To Indian Museum, Calcutta, in connexion with the preliminary arrangements for plaster cast work at Hatbigumpha.
„ 28th and 29th	...	To Khandagiri in connexion with the preliminary arrangement for plaster cast work at Hathigumpha.
„ 30th to September, 6th	...	To headquarters.
September, 7th to October, 2nd	...	To Khandagiri, for the supervision of the plaster cast of Hathigumpha inscriptions.
October, 3rd to 5th	...	To Puri and Konarak, for inspection.
„ 6th to 9th	...	To Indian Museum, Calcutta.
„ 10th and 11th	...	To Gaya and Bodh Gaya, for inspection.
„ 12th to November, 1st	...	To headquarters.
November, 2nd to 7th	...	To Poona, for attending the Oriental Conference under the Orders of the Director-General of Archæology in India.
„ 8th to 11th	...	To Pachora, for inspection.
„ 13th and 14th	...	To Jubbulpur, for inspection.

PANDIT HIRANANDA SASTRI.

(*Officiating Assistant Superintendent.*)

1920.

January, 2nd to 16th	...	To headquarters.
„ 17th to 20th	...	To Puri, for inspection.
„ 21st to 24th	...	To Konarak, for inspection.
„ 25th to 28th	...	To Bhuvaneshwar, Khandagiri and Dhauli, for inspection.
„ 29th to February, 3rd	...	To Gaya and Bodh Gaya, for inspection.
February, 20th	...	To Rajgir.
„ 21st to 24th	...	To headquarters.
„ 25th to March, 4th	...	To Nalanda, for excavation.
March, 5th to 8th	...	To headquarters.
„ 9th to 31st	...	To Nalanda, for excavation.

APPENDIX D.

Statement of expenditure on Archæological Works in Assam during 1919-20.

District.	Locality.	Particulars of work.	Amount sanctioned.	Amount spent.	Remarks.
1	2	3	4	5	6
			Rs. a. p.	Rs. a. p.	
Cachar ...	Maibong ...	A. R. to two inscribed stones	5 0 0	5 0 0	Completed.
Do. ...	Badarpur ...	A. R. to old Fort ...	30 0 0	20 0 0	Do.
Sylhet ...	Chhatak ...	A. R. to Inglis Monument	20 0 0	12 0 0	In progress.
Sibsagar ...	Nazira ...	S. R. to Gargaon Palace ...	350 0 0	51 0 0	Completed.
Do. ...	Sibsagar ...	A. R. to monuments and antiquities.	1,000 0 0	712 0 0	In progress.
Darrang ...	Tezpur ...	A. R. to ruins of temples on the Bamuni Hills.	75 0 0	72 0 0	Completed.
Do. ...	Bishnath ...	A. R. to monumental tombs	25 0 0	14 0 0	Do.
Naga Hills ...	Dimapur ...	A. R. to monolithic ruins	400 0 0	268 0 0	Do.
Do. ...	Khonoma and Sachima.	A. R. to memorials of Lieutenant H. Forbes and Mr. Damont.	65 0 0	4 0 0	Do.
Manipur State ...	Manipur ...	A. R. to Durbar Hall Coronation room, citadal wall, Nautchghar and Jubaraja's temple.	593 0 0	532 0 0	Do.
Do. ...	Do. ...	A. R. to memorial of Dr. Brown.	10 0 0	10 0 0	Do.
Do. ...	Do. ...	A. R. to graves of Messrs. Melville and O'Brien at Myangkhong.	20 0 0	21 0 0	Do.
Do. ...	Do. ...	A. R. to memorial of infant son of Sir Johnstone at Kanjubkhal.	10 0 0	11 0 0	Do.
Do. ...	Do. ...	A. R. to memorial of Captain Gordon at Langthabal ...	10 0 0	11 0 0	Do.
		LOWER ASSAM DIVISION.			
Kamrup ...	Kamakhya ...	A. R. to Duar Garya-rock inscription at the foot of the Kamakhya Hills.	12 0 0	10 0 0	In progress.
Do. ...	Gauhati ...	A. R. to carvings, inscriptions and pillars in the Urbasi Island at Gauhati.	50 0 0	49 0 0	Completed.
Goalpara ...	Dhubri ...	Repairs to— 1. Monuments over the grave of Mr. G. R. Geale. 2. Monuments over the grave of Mr. R. B. Dunn. 3. Monuments over the grave of Mr. E. W. George. 4. Monuments over the grave of Mr. Dorothy Perres. 5. Monuments over the grave of Mr. R. P. Thomson. 6. Monuments over the grave of Mr. M. Y. Thomson. 7. Monuments over the grave of Mr. V. A. Breaky. 8. Monuments over the grave of Mr. T. Hompay.	20 0 0	20 0 0	Do.

APPENDIX D—*contd.*

District.	Locality.	Particulars of work.	Amount sanctioned.	Amount spent.	Remarks.
1	2	3	4	5	6
			Rs. a. p.	Rs. a. p.	
Goalpara ...	Jogighopa ...	A. R. to ancient Tomb ...	20 0 0	...	In progress.
Do. ...	Goalpara ...	A. R. to Tomb of Lieutenant Cresswell and three others.	20 0 0	20 0 0	Completed.
		KHASI AND JAINTIA HILLS DIVISION.			
Khasi and Jaintia Hills.	Shillong ...	A. R. to Manipur Memorial	10 0 0	10 0 0	Completed.
Do. ...	Cherrapunjee ...	A. R. to Scott's Monument	10 0 0	10 0 0	Do.
Do. ...	Nongkhlaw ...	A. R. to the Monument to the memory of Lieutenant Beadingfield and Burlton.	15 0 0	15 0 0	Do.
Do. ...	.....	Repairs to ancient monuments and buildings of historical interest in the Khasi and Jaintia Hills Division.	50 0 0	50 0 0	Do.
	Total ...	...	...	1,927 0 0	

Statement of expenditure on Archæological Works in Bengal during 1919-20.

		EASTERN CIRCLE.			
Dacca ...	Dacca ...	A. R. to Hossani Dalan ...	500 0 0	448 0 0	Completed.
Do. ...	Do. ...	A. R. to Tomb of Bibi Peri...	35 0 0	34 0 0	Do.
Do. ...	Do. ...	Repairs to old Fort, Lal-Bagh.	125 0 0	115 0 0	Do.
Do. ...	Do. ...	Repairs to Mosque, Lalbagh	40 0 0	40 0 0	Do.
Do. ...	Do. ...	Repairs to Dewan Bazar Mosque ...	50 0 0	49 0 0	Do.
Do. ...	Munshigunj ...	Repairs to old Fort ...	20 0 0	15 0 0	Do.
Mymensingh ...	Agarsindur ...	Repairs to Sadi Mosque ...	76 0 0	77 0 0	Do.
Do. ...	Astogram ...	Repairs to Kutub Mosque ...	20 0 0	10 0 0	Do.
Do. ...	Ditto ...	Earthquake damage repairs to Kutub Mosque.	254 0 0	221 0 0	Do.
Do. ...	Agarsindur ...	Repairs to Shah Mahmud Mosque.	550 0 0	423 0 0	Do.
Dacca ...	Satamjid ...	Repairs to Satgumbaz Mosque.	192 0 0	164 0 0	Do.
Do ...	Dacca ...	Cyclone damage repairs to Hossani Dalan.	650 0 0	697 0 0	Do.
Chittagong ...	Fatehpur ...	A. R. to Alwal Mosque ...	45 0 0	42 2 0	Do.
		NORTHERN CIRCLE.			
Malda ...	Gaur ...	A. R. to Great Golden Mosque.	188 0 0	267 0 0	Do.
Do. ...	Do. ...	A. R. to Dakhil Darwaza...	101 0 0	86 0 0	Do.
Do. ...	Do. ...	A. R. to Firoz Minar ...	43 0 0	46 0 0	Do.
Do. ...	Do. ...	A. R. to Kadam Rasul Building.	44 0 0	41 0 0	Do.
Do. ...	Do. ...	A. R. to Lukachori Gate ...	29 0 0	17 0 0	Do.
Do. ...	Do. ...	A. R. to Gunmant Musjid...	36 0 0	17 0 0	Do.
Do. ...	Do. ...	A. R. to two stone pillars ...	4 0 0	2 0 0	Do.

APPENDIX D—*contd.*

District.	Locality.	Particulars of work.	Amount sanctioned.	Amount spent.	Remarks.
1	2	3	4	5	6
			Rs. a. p.	Rs. a. p.	
Malda ...	Gaur ...	A. R. to Fateh Mosque ...	10 0 0	9 0 0	Completed
Do. ...	Do. ...	A. R. to Tantipara Mosque	42 0 0	20 0 0	Do.
Do. ...	Do. ...	A. R. to Latan Mosque ...	41 0 0	24 0 0	Do.
Do. ...	Do. ...	A. R to Kotwali Darwaza ...	20 0 0	7 0 0	Do.
Do. ...	Do. ...	A. R. to small Golden Mosque at Ferozpur.	81 0 0	152 0 0	Do.
Do. ...	Pandua ...	A. R. to Adina Mosque ...	353 0 0	226 0 0	Do.
Do. ...	Do. ...	A. R. to Ekhlaki Tomb ...	60 0 0	31 0 0	Do.
Do. ...	Do. ...	A R. to Kutubshahi Mosque.	45 0 0	30 0 0	Do.
Do. ...	Gaur ...	Repairing the rain damages in Chika Mosque.	679 0 0	554 0 0	Do.
Rangpur ...	Rangpur ...	A. R. to Dargah of Shah Ismail Gazi at Bara Dargah (contribution work).	60 0 0	57 0 0	Do.
Malda ...	Gaur ...	Demarcating the northern boundary of the land attached to the small golden Mosque at Firozpur in Gaur with boundary pillars.	21 0 0	22 0 0	Do.
Do. ...	Pandua ...	Demarcating the northern boundary of the land attached to the Adina Mosque at Pandua with boundary pillars.	32 0 0	20 0 0	Do.
Do. ...	Gaur ...	Demarcating the northern boundary of the land attached to the Dakhil Darwaza at Gaur with boundary pillars.	31 0 0	9 0 0	Do.
Rajshahi ...	Bagha ...	Demarcating the northern boundary of the land attached to the Bagha Mosque.	92 0 0	95 0 0	Do.
Do. ...	Kusumba ...	Demarcating the northern boundary of the land attached to the Kusumba Mosque.	161 0 0	156 0 0	Do.
Darjeeling ...	Darjeeling ...	A. R. to the tomb of Cosma-de-Koras.	5 0 0	3 0 0	Do.
Do. ...	Do. ...	Q. R. to the tomb of General Lloyd.	10 0 0	6 0 0	Do.
Hooghly ...	Chinsurah ...	Q. R. to cemetery (Dutch Portion) graves,	210 0 0	188 14 0	Do.
Do. ...	Serampur ...	Q. R. to cemetery (Danish Portion).	165 0 0	166 0 0	Do.
Do. ...	Do. ...	A. R. to Henry Martin's Pagoda.	65 0 0	65 0 0	Do.
Do. ...	Tribeni ...	A. R. to Tomb of Zafar Khan Gazi	70 0 0	27 0 0	Do
Do. ...	Do. ...	A. R to Mosque of Zafar Khan Gazi.		41 0 0	
Do. ...	Satgong ...	A. R. to Tomb and Mosque.	70 0 0	69 8 0	Do.

APPENDIX D—*contd.*

District.	Locality.	Particulars of work.	Amount sanctioned.	Amount spent.	Remarks.
1	2	3	4	5	6
			Rs. a. p.	Rs. a. p.	
Burdwan ...	Near Sahebgunj	A. R. to Clark's Temple ...	24 0 0	8 7 9	Completed.
Do.	Baidyapur ...	A. R. to Temple of Baidyapur.	24 0 0	18 7 0	Do.
Do. ...	Kalna ...	A. R. to Tomb and Mosque of Majlis Saheb (No. 16).	27 0 0	16 3 3	Do.
Do. ...	Do. ...	A. R. to Mosque No. 19 ...			
Do. ...	Burdwan Town	A. R. to Tomb of Bahram-Sakka	71 0 0	71 0 0	Do.
Do. ...	Do. ...	A. R. to Tomb of Sher Afghan.	39 0 0	32 15 0	Do.
Do. ...	Do. ...	A. R. to Tomb of Kutubuddin.			
Do. ...	Arrah ...	A. R. to Rarheswar Siva Temple.	69 0 0	68 5 0	Do.
Birbhum ...	Sanatore (Near Suri),	A. R. to temple of Damodar	116 0 0	115 0 0	Do.
Do. ...	Kenduli ...	A. R. to Temple of Radhabinode known as Jaydev.	27 0 0	26 14 0	Do.
Jessore ...	Sagardari ...	A. R. to Tablet of Michael Madhusudan Dutta.	5 0 0	5 0 0	Do.
Bankura ...	Susunia Hill ...	A. R. to Rock inscription (Susunia Hill),	25 0 0	25 0 0	Do.
Do. ...	Vishnupur, Dehar	A. R. to Stone Gateway.			
Do. ...	Do. ...	A. R. to Jore Bangla Temple.			
Do. ...	Do. ...	A. R. to Sham Roy's Temple.	...	...	
Do. ...	Do. ...	A. R. to Madan Mohan Temple.			
Do. ...	Vishnupur, Dehar.	A. R. to Madan Gopal Temple.			
Do. ...	Do. ...	A. R. to Rasmancha Temple			
Do. ...	Do. ...	A. R. to Radha Shyam Temple.			
Do. ...	Do. ...	A. R. to Lalji Temple			
Do. ...	Do. ...	A. R. to small gateway of Fort.			
Do. ...	Do. ...	A. R. to Murali Mohan Temple.	454 0 0	466 13 0	Do.
Do. ...	Do. ...	A.R. to Radhabinode Temple.			
Do. ...	Do. ...	A. R. to Malleswar Temple			
Do. ...	Do. ...	A. R. to Jore Mandir Temple.			
Do. ...	Do. ...	A. R. to Radhagovind Temple.			
Do. ...	Do. ...	A R. to Radhamadhab Temple.			
Do. ...	Do. ...	A. R. to Kalachand Temple			
Do. ...	Do. ...	A. R. to Nanda Lal Temple			
Do. ...	Do. ...	A. R. to Sareswar Temple			
Do. ...	Do. ...	A. R. to Saileswar Temple			

APPENDIX D—*contd.*

District.	Locality.	Particulars of work.	Amount sanctioned.	Amount spent.	Remarks.
1	2	3	4	5	6
			Rs. a. p.	Rs a. p.	
Murshidabad ...	Near Dadpur ...	A. R. to the Tomb of Mir Madan.	10 0 0	10 0 0	Completed.
Do. ...	Katra ...	A. R. to the Tomb of Azim-un-nissa Begum.	20 0 0	20 0 0	Do.
Do. ...	Nazimbagh ...	A. R. to the Tomb of Nawab Sarfaraz Khan.	8 0 0	8 0 0	Do.
Do. ...	Khosbagh ...	A. R. to the Mausoleum of Ali Verdi Khan.	1 0 0	1 0 0	Do.
Do. ...	Roshnibagh ...	A. R. to the Tomb of Shuja Uddin	5 0 0	5 0 0	Do.
Do. ...	Jafraganj ...	A. R. to the Tablet of Mir Jaffar.	0 8 0	0 8 0	Do.
Do. ...	Kunjaghatta ...	A. R. to the Tablet of Maharaja Nanda Kumar.	2 0 0	2 0 0	Do.
Do. ...	Katra ...	A. R. to the Tomb and Mosque of Murshid Kuli Khan.	151 0 0	154 0 0	Do.
Do. ...	Jangipur ...	A. R. to the Kheraul Mosque.	180 0 0	89 0 0	Do.
Do. ...	Cossimbazar ...	A. R. to the Tomb of Mary Hastings and her daughter.	8 0 0	8 0 0	Do.
Do. ...	Kalkapur ...	A. R. to the Tomb of Daniel Vander Muyit.	5 0 0	5 0 0	Do.
Do. ...	Do ...	A. R. to the Tomb of Mathias Arnold Brohe.	5 0 0	5 0 0	Do.
Do. ...	Do. ...	A. R. to the Tomb of Johanna P. Vans Brohe.	5 0 0	5 0 0	Do.
Do. ...	Do. ...	A. R. to the Tomb of Tamerus Canter Vexer.	5 0 0	5 0 0	Do.
Do. ...	Do. ...	A. R. to the Tomb of Grigorious Herklots.	5 0 0	5 0 0	Do.
Do. ...	Do. ...	A. R. to the Tomb of John Gantvort Van Austin.	5 0 0	5 0 0	Do.
Do. ...	Do. ...	A. R. to the monument of Henry Sherwood.	5 0 0	5 0 0	Do.
Do. ...	Do. ...	A. R. to the monuments of Henry Creighton.	1 0 0	1 0 0	Do.
Do. ...	Panchanantola	A. R. to the Tomb of Burmese Prince and Princess.	50 0 0	49 0 0	Do.
Do. ...	Jafraganj ...	A. R. to the Nizamat Tombs.	1,164 0 0	1,127 0 0	Do.
Do. ...	Khosbagh ...	A. R. to the Tomb of Siraj-ud-daula.	5 0 0	5 0 0	Do.
Do. ...	Cossimbazar ...	A. R. to the Old Residency Burial ground.	49 0 0	44 0 0	Do.
Do. ...	Kolhapur ...	A. R. to the Old Dutch Cemetery.	30 0 0	30 0 0	Do.
Do. ...	Balabagna ...	A. R. to the Residency Cemetery.	179 0 0	178 0 0	Do.
Do. ...	Kolhapur ...	A. R. to the minor Tombs in the Dutch Cemetery.	80 0 0	80 0 0	Do.

APPENDIX D—*contd.*

District.	Locality.	Particulars of work.	Amount sanctioned.	Amount spent.	Remarks
1	2	3	4	5	6
			Rs. a. p.	Rs. a. p.	
Murshidabad ...	Jafraganj ...	A. R. to the Dewankhana of Mir Jaffar.	370 0 0	359 0 0	Completed.
Do. ...	Khosbagh ...	Q. R. to Khosbagh Mausoleum.	300 0 0	266 0 0	Do.
Do. ...	Roshnibagh ...	Q. R. to the Roshnibagh Mausoleum.	158 0 0	148 0 0	Do.
Nadia ...	Plassey ...	Q. R. to the New Plassey Monument.	47 0 0	52 0 0	Do.
Do. ...	Do. ...	Q. R. to the pillars demarcating battlefield.	50 0 0	50 0 0	Do.
Do. ...	Chakdah ...	Q. R. to the Archæological Temple.	85 0 0	85 0 0	Do.
Bankura ...	Vishnupur ...	Mounting Dalmadal gun on a platform.	1,185 0 0	1,138 0 0	Do.
Do. ...	Do. ...	Thorough repairs to Nanda Lal Temple.	653 0 0	231 1 0	Do.
Nadia ...	Chakdah ...	S. R. to Palpara Temple.	2,197 0 0	742 0 0	In progress.
Murshidabad ...	Berhampur Sub-division.	S. R. to the Historical monuments.	2,054 0 0	839 0 0	Completed.
Do. ...	Katra ...	Additional conservation work to the Tomb and Mosque of Murshid Kuli Khan.	649 0 0	640 0 0	Do.
		PRESIDENCY CIRCLE.			
Calcutta ...	Calcutta ...	Repairing Tombs and monuments in the north and south Park Street Cemeteries.	185 0 0	154 0 0	Do.
Do. ...	84, Ram Kamal Sen Lane.	Removing and refixing the marble tablets affixed to the houses of the late Babu Keshab Chandra Sen.	5 0 0	5 0 0	Do.
Howrah ...	Howrah ...	Repairing tombs and monuments in the cemetery.	27th part.	27 0 0	Do.
		SOUTH-WESTERN CIRCLE.			
Burdwan ...	Gaurangpur.	Conservation work to Ichai Ghosh's Temple.	984 0 0	954 0 0	Do.
24-Parganas ...	Sunderbans ...	A. R. to Jatar Deul Temple	106 0 0	100 0 0	Do.
Midnapur ...	Midnapur ...	A. R. to Mr. John Pierce's Tomb.	6 0 0	5 8 0	Do.
Khulna ...	Bagerhat ...	A. R. to Satgumbuz and Khan Jahan Ali's Tomb.	303 0 0	345 0 0	Do.
Do. ...	Musjidpur ...	A. R. to Khan Jahan Ali's Mosque.	43 0 0	36 0 0	Do.
Do. ...	Khulna ...	Cyclone damage repairs to the Tomb of John C. Little.	6 0 0	6 0 0	Do.
		Total	... ...	13,673 11 8	

APPENDIX D—*contd.*

Statement of expenditure on Archæological Works in Bihar and Orissa during 1919-20.

District.	Locality.	Particulars of work.	Amount sanctioned. Rs. a. p.	Amount spent. Rs. a. p.	Remarks.
1	2	3	4	5	6
		Western Circle.			
Hazaribagh ...	Chatra ...	Repairs to monument No. 61 to commemmorate some soldier who fell in combat with Mutineers 1857.	10 0 0	10 0 0	Completed.
Sambalpur ...	Sonepur ...	Repairs to Tomb No. 76 of Amelia, wife of Captain Russel, M. S. C.	5 0 0	5 0 0	Do.
		Gandak Circle.			
Champaran ...	Lauriya ...	A. R. to Asoka Pillar at Lauriya.	25 0 0	16 0 0	Do.
Do. ...	Gobindganj ...	A. R. to Asoka Pillar at Gobindganj.	19 0 0	17 0 0	Do.
Do. ...	Rampurwa ...	A. R. to Asoka Pillar at Rampurwa.	25 0 0	21 0 0	Do.
		Eastern Circle.			
Bhagalpur ...	Madhipura ...	A. R. to Tomb of Charles Hays.	...	5 0 0	Do.
Do. ...	Bhagalpur ...	A. R. to Buff's cemetery (officers and soldiers of Her Majesty's 3rd Regiment "The Buffs").	10 0 0	10 0 0	Do.
Do. ...	Arraria ...	A. R. to Tomb of John Mac Guire.	5 0 0	5 0 0	Do.
Monghyr ...	Monghyr Fort...	A. R. to Tomb of Pir Shah Nafah.	80 0 0	80 0 0	Do.
Do. ...	Pirpahar ...	A. R. to Tomb of Miss Mary Anne Beckett.	20 0 0	20 0 0	Do.
Santal Parganas	Rajmahal ...	A. R. to Jumma Musjid and Bridge at Hadaf.	184 0 0	21 0 0	Do.
Patna ...	Bankipur ...	Repairs to the Gola (Granary).	7 0 0	7 0 0	Do.
Do. ...	Rajgir ...	A. R. to Maniyar Math ...	36 0 0	21 0 0	Do.
Do. ...	Do. ...	A. R. to Temple of Mahadeo	26 0 0	20 0 0	Do.
Do. ...	Do. ...	A. R. to Jain Temple ...	16 0 0	13 0 0	Do.
Do. ...	Gulzarbagh ...	A. R. to Agam Kuan ...	10 0 0	10 0 0	Do.
Do. ...	Patna City cemetery.	A. R. to Tall stone shaft	10 0 0	10 0 0	Do.
Do. ...	Bankipur ...	A. R. to Gola (Granary) ...	72 0 0	58 0 0	Do.
Do. ...	Do ...	A. R. to Tomb of Major Randfurlie Knox.	14 0 0	13 0 0	Do.
Do. ...	Bihar ...	A. R. to Tomb of Saiyid Ibrahim Bea on Pahadi Hill.	66 0 0	54 0 0	Do.
Do. ...	Patna City ...	Providing notice board on the mound known as "Chota Pahari".	28 0 0	28 0 0	Do.
		Son Circle.			
Do. ...	Manair ...	A. R. to Tomb of Ibrahim Khan and M khdum Shah Daulat.	549 0 0	395 0 0	In progress.

APPENDIX D—*contd.*

District.	Locality.	Particulars of work.	Amount sanctioned.	Amount spent.	Remarks.
1	2	3	4	5	6
			Rs. a. p.	Rs. a. p.	
Gaya ...	Bodh Gaya ...	A. R. to Bodh Gaya Temple	100 0 0	101 0 0	Completed.
Do. ...	Shamshernagar	A. R. to tomb of Shamsher Khan.	41 0 0	38 0 0	Do.
Do. ...	Guneri ...	A. R. to ancient Buddhist statue shed.	17 0 0	17 0 0	Do.
Do. ...	Gaya ...	A. R. to John William Bicket's monument in the old cemetery.	10 0 0	10 0 0	Do.
Do ...	Ghenjan ...	A. R. to ancient Buddhist statue shed	20 0 0	16 0 0	Do.
Do. ...	Gaya ...	A. R. to monument to the Blue Jacket in the old cemetery.	179 0 0	170 0 0	Do.
Do. ...	Do. ...	A. R. to Captain Gray's grave.	10 0 0	9 0 0	Do.
Do. ...	Do. ...	Repairs to monuments of Francis Gikanda, Collector of Taxes and Pilgrims.	51 0 0	64 0 0	Do.
Shahabad ...	Buxar ...	Erecting a monument on the Battlefield at Buxar.	9,362 0 0	846 0 0	Do
Do. ...	Ramgarh ...	Quadrennial repairs to the Mundeswari temple at Chainpur.	25 0 0	22 0 0	Do.
Do. ...	Buxar ...	Quadrennial repairs to Katkauli tomb.	5 0 0	5 0 0	Do.
Do. ...	Do. ...	Quadrennial repairs to Buxar tomb.	11 0 0	11 0 0	Do.
Do. ...	Do. ...	Quadrennial repairs to cemetery.	80 0 0	80 0 0	Do.
Do. ...	Do. ...	Quadrennial repairs to Stud cemetery.	15 0 0	15 0 8	Do.
Do. ...	Shergarh ...	Quadrennial repairs to Shergarh Fortress.	149 0 0	135 0 0	Do.
Do. ...	Buxar ...	Quadrennial repairs to Fort and Bastion.	400 0 0	400 0 0	Do.
Do. ...	Chainpur ...	Quadrennial repairs to Bakhtiar Khan's tomb.	142 0 0	123 0 0	Do.
Do. ...	Buxar ...	Quadrennial repairs to Edward monument.	27 0 0	27 0 0	Do.
Do. ...	Arrah ...	Special repairs to Arrah House.	2,414 0 0	2,216 0 0	Do.
Do. ...	Do. ...	Q. R. to soldier's tomb ...	5 0 0	5 0 0	Do.
Do. ...	Rohtasgarh ...	A. R. to Rohtas Fortress...	506 0 0	482 0 0	Do.
Do. ...	Sassaram ...	A. R. to Alwal Khan's tomb.	15 0 0	14 0 0	Do.
Do. ...	Do. ...	A. R. to Hussan Sur Shah's tomb.	176 0 0	150 0 0	Do.
Do. ...	Do. ...	A. R. to Sher Shah's tomb	65 0 0	60 0 0	Do.
Do. ...	Do. ...	A. R. to Salim Khan's tomb	20 0 0	18 0 0	Do.
		ORISSA CIRCLE.			
Cuttack ...	Cuttack Fort ...	A. R. to Musjid of Fort, Cuttack.	80 0 0	11 0 0	Do.
Do. ...	Do. ...	A. R. to Mosque and moat walls in Fort, Cuttack.	50 0 0	27 0 0	In progress.

APPENDIX D—*contd.*

District.	Locality.	Particulars of work.	Amount sanctioned.	Amount spent.	Remarks.
1	2	3	4	5	6
Puri ...	Konarak ...	A. R. to temple at Konarak (Black Pagoda).	Rs. a. p. 500 0 0	Rs. a. p. 552 0 0	In progress.
Do. ...	Do. ...	A. R. to sculpture shed at Konarak.	50 0 0	3 0 0	Completed.
Do. ...	Bhubaneswar ...	A. R. to Khandagiri and Udayagiri caves and temples at Bhubaneswar.	313 0 0	200 0 0	In progress.
Do. ...	Khurda ...	A. R. to monuments at Khurda and Gurjang.	15 0 0	9 0 0	Completed.
Cuttack ...	Cuttack ...	A R. to gateway, Barabati Fort, Cuttack.	25 0 0	10 0 0	In progress.
Puri ...	Jatin ...	A. R. to endowed tombs at Jatin.	10 0 0	6 0 0	Completed.
Cuttack ...	Jajpur ...	A. R. to ancient monuments at Jajpur.	50 0 0	48 0 0	Do.
Do. ...	Do. ...	A. R. to Abu Nasir Khan's Mosque at Jajpur.	9 0 0	12 0 0	Do.
			Total ...	6,841 0 0	

Statement of expenditure on Archæological Works in Central Provinces and Berar during 1919-20.

Damoh ...	Rajnagar ...	A. R. to Rajnagar Fort ...	...	15 0 0	
Do. ...	Nohta ...	A. R. to Nohta Temple ...	...	25 0 0	
Do. ...	Kodal ...	A. R. to old temple at Kodal	...	10 0 0	
Do. ...	Raneh ...	A. R. to Matha at Raneh ...	...	15 0 0	
Do. ...	Sakhar ...	A. R. to Sakhar temple ...	...	10 0 0	
Do. ...	Jatashankar ...	A. R. to Jatashankar Fort	...	20 0 0	
Do. ...	Hatta ...	A. R. to Rangmahal Palace at Hatta.	...	25 0 0	
Do. ...	Kundalpur ...	A. R. to flat-roofed temple below the hill.	...	10 0 0	
Narsinghpur ...	Chowragarh ...	A. R. to temple in Fort ...	...	25 0 0	
Chhindwara ...	Deogarh ...	A. R. to Deogarh Fort ...	...	27 0 0	
Jubbulpur ...	Bilheri ...	S. R to the Vishnu Varaha Temple.	1,181 0 0	1,323 0 0	Completed.
Nimar ...	Burhanpur ...	S. R. to tomb of Shah Nawaz Khan.	1,009 0 0	953 0 0	Do.
Do. ...	Do. ...	S. R. to tomb of Shah Shuja.	424 0 0	236 0 0	Do.
Do. ...	Do. ...	S. R. to Palace in Fort ...	2,083 0 0	543 0 0	Do.
Do. ...	Do. ...	S. R. to tomb of Nadir Shah.	6,208 0 0	1,413 0 0	In progress.
Do. ...	Asirgarh ...	S. R. to Jumma Musjid ...	3,562 0 0	2,866 0 0	Do.
Damoh ...	Kanorabari ...	S. R. to temple at Kanorabari.	2,206 0 0	1,904 0 0	Do.
Saugor ...	Eran ...	S. R. to the ruined Jain Temple with other statues, etc, enclosed in a wire fencing.	289 0 0	148 0 0	Do.
Chhindwara ...	Nilkanthi ...	A. R. to temple of Nilkanthi.	...	5 0 0	Completed.
Nimar ...	Burhanpur Subdivision.	A. R. to ancient monuments at Burhanpur, Asirgarh and Nimbola.	...	775 0 0	Do.

APPENDIX D—*contd.*

District.	Locality.	Particulars of work.	Amount sanctioned.	Amount spent.	Remarks.
1	2	3	4	5	6
			Rs. a. p.	Rs. a. p.	
Nagpur ...	Ghogra and Khapa.	Repairs to the Mahadeva Temple and providing wire fencing.	541 0 0	540 0 0	In progress. Revised estimate for Rs. 911 approved by this office.
Bilaspur ...	Janjgir ...	Certain repairs to the Vaishnava temple.	420 0 0	105 0 0	In progress.
Nagpur ...	Takalghat ...	A. R. to stone Circle ...	...	10 0 0	
Do. ...	Watheda ...	A. R. to stone Circle ...	...	10 0 0	
Do. ...	Ramtek ...	A. R to shrine and image of Vishnu Trivikrama.	...	20 0 0	
Do. ...	Nagardhan ...	A. R. to Marhatta Fort just south of the village.	...	128 0 0	
Do. ...	Dongartal ...	A. R. to Fort at the bottom of the hill said to have been built by Muhammad Taki Khan and Muhammad Dari Khan.	...	114 0 0	
Raipur ...	Arang ...	A. R. to old ruined Jain temple.	...	32 0 0	
Drug ...	Deo Balode ...	A. R. to Siva's temle in sandstone.	...	8 0 0	
Do. ...	Gandai ...	A. R. to old temple near Gandai.	...	43 0 0	
Do. ...	Dhamda ...	A. R. to old Mahal and gate within the ruins of Dhamda.	...	4 0 0	
Do. ...	Do. ...	A. R. to temple of Shiva on the Budha Tank.	...	4 0 0	
Yeotmal ...	Lohara ...	Repairs to the small temple	1,230 0 0	898 0 0	In progress.
Jubbalpur ...	Bheraghat ...	A. R. to Chausath Jogini Temple.			
Do. ...	Do. ...	A. R. to Gauri Shankar ...	...	213 0 0	
Do. ...	Do. ...	A. R. to group of seven temples called Panchmatha.			
Saugor ...	Rahatgarh ...	A. R. to Rahatgarh Fort ...	...	14 0 0	
Damoh ...	Damoh ...	A. R. to sculpture at Phatera Tank.	...	5 0 0	
Amraoti ...	Chikalda ...	A. R. to Gawilgarh Fort ...	...	398 0 0	Completed.
Akola ...	Balapur ...	A. R. to Balapur Fort ...	...	16 0 0	Do.
Chanda ...	Chanda ...	A. R. to Fort wall ...	...	409 0 0	Do.
Do. ...	Ballarpur ...	A. R. to stone fort wall with the ruins of a palace and gateway.	...	15 0 0	Do.
Do. ...	Chanda ...	A. R. to Mahadeo temple close to Municipal office.	...	5 0 0	Do.
Do. ...	Lalpeth ...	A. R. to Lalpeth Monoliths consisting of 17 colossal stone images.	...	10 0 0	Do.
Do. ...	Chanda ...	A. R. to the enclosure and buildings of the Gond Raja's tombs just outside the Achaleswar gate of the city.	...	138 0 0	Do.

APPENDIX D—*concld.*

District.	Locality.	Particulars of work.	Amount nctioned.	Amount spent.	Remarks.
1	2	3	4	5	6
			Rs. a.	Rs. a. p.	
Chanda ...	Bhandak ...	A. R. to old temple of Parasnath.	...	15 0 0	Completed.
Do. ...	Do. ...	A. R. to old temple of Chandikadevi.	...	15 0 0	Do.
Do. ...	Neri ...	A. R. to Mahadeo temple...	...	2 0 0	Do.
Do. ...	Chanda ...	A. R. to tomb of Ballar Shah.			
Do. ...	Do. ...	A. R. to monuments of British officers and soldiers, Nos. 1 to 6, near Erai river, 3 miles north of Chanda.			
Do. ...	Lalpeth ...	A. R. to monuments near Lalpeth.			
Do. ...	Chanda ...	A. R. to monuments near Jharpet Nalla.			
Do. ...	Do. ...	A. R. to monuments of British officers and soldiers in the Forest office compound.	...	49 0 0	Completed.
Do. ...	Do. ...	A. R. to Achaleswar temple			
Do. ...	Do. ...	A. R. to Mahadeo temple ...			
Do. ...	Do. ...	A. R. to enclosure wall ...			
Do. ...	Do. ...	A. R. to Temple of Mahakali			
Do. ...	Ghugus ...	A. R. to stone cave with an image of Bahram Deo within it and a stone pillar standing in front.			
Do. ...	Bhatala ...	S. R. to old temple. ...			
Akola ...	Balapur ...	S. R. to the Balapur Fort...	1,927 0 0	1,763 0 0	Completed.
Buldana ...	Mehkar ...	S. R. to Madha monuments	816 0 0	678 0 0	In progress.
		Total ...	...	15,919 0 0	

APPENDIX E—(Protected Monuments).

Monuments declared Protected during the year 1919-20.

Province.	District.	Locality.	Name of monument.	Section under which protected.	Reference to Government order of protection.
1	2	3	4	5	6
Assam ...	Khasi and Jaintia Hills.	Cherrapunji ...	Scott's Monument at Cherrapunji.	Section, 3 sub-section (3).	No. 3393-E., dated the 21st June 1919.
Do. ...	Sibsagar ...	Joysagar ...	Bishundol in Joysagar ...	Ditto ...	No. 3391-E., dated the 21st June 1919.
Do. ...	Kamrup ...	Hago ...	Temple of Hayagriva Madhava.	Ditto ...	No. 3390-E., dated the 21st June 1919.
Do. ...	Cachar ...	Dimapore ...	1. Dimapore Ruins—Remains of a Fort.	...	
Do ...	Do. ...	Khonoma ...	2. Memorials to G. H. Dumont, Major C. R. Cook and Subadar Nubir Shahi.	Section 3, sub-section (3).	No. 3392-E., dated the 21st June 1919.
Do. ...	Do. ...	Sachima ...	3. Lt. H. Forbes' grave ...	...	
Do. ...	Do. ...	Kohima ...	4. Stone cairn to the memory of Mr. Damont.	...	
Bihar and Orissa.	Bhagalpur ...	Bongong ...	Mound (restriction to excavation).	Section, 20, sub-section (1).	No. 2425 E., dated the 14th November 1919.
Ditto ...	Patna ...	Patna City ...	Begu Hajjam's Mosque ...	Sub-section (1) of section 3.	No. 560-E., dated the 5th February 1920.

APPENDIX F

List of Photographs taken during the year 1919-20.

(Superintendent's office.)

Serial No.	Size.	District.	Locality.	Subject.
1	2	3	4	5
1889*	8½×6½	Cuttack ...	Jajpur ...	Statue of Indrāni.
1890*	8½×6½	Do. ...	Do. ...	Statue of Varāhi.
1891*	8½×6½	Do. ...	Do. ...	Statue of Chāmuṇḍā.
1892*	8½×6½	Do. ...	Do. ...	Monolithic Garuḍa pillar.
1893*	8½×6½	Gaya	Bolh-Gaya ...	View of Main Temple before restoration.
1894*	8½×6½	Do.	Ditto ...	Main Temple; front view.
1895*	8½×6½	Do.	Ditto ...	Ditto another view.
1896*	8½×6½	Do.	Ditto ...	Ditto south view.
1897*	8½×6½	Do.	Ditto ...	Ditto north view.
1898*	8½×6½	Do.	Ditto ...	Ditto another view.
1899*	8½×6½	Do.	Ditto ...	Railing pillars on south.
1900	8½×6½	Do.	Ditto ...	Image of Trailokyavijaya, inside the Mahant's compound.
1901	8½×6½	Do.	Ditto ...	Image of Budhisattva Manjusri inside the Mahant's compound.
1902	8½×6½	Do.	Ditto ...	Image of Buddha inside the Mahant's compound.
1903	8½×6½	Patna	Bihar Killa ...	Fragments of images near Chhoti Mandir under Peepal tree.
1904	8½×6½	Do.	Ditto ...	Fragments of images near east gate of Killa.
1905	8½×6½	Do.	Ditto ...	Fragments of images near east gate of Killa, another view.
1906	8½×6½	Do.	Ditto ...	Fragments of images near well at east gate of Killa.
1907	8½×6½	Do.	Maner ...	Hall on north side of Bari Dargah.
1908	8½×6½	Do.	Do.	Lion in front of Bari Dargah.
1909	8½×6½	Do.	Do.	Chhoti Dargah; south view of tomb.
1910	8½×6½	Do.	Do.	Chhoti Dargah; east view of tomb.
1911	8½×6½	Do.	Nalanda ...	Image representing Siva's marriage, inside the Surya Temple.
1912	8½×6½	Do.	Do.	Image representing Siva's marriage, outside the Surya Temple.
1913*	10×12	Puri	Bhuvanesvara ...	Baital Deul; general view.
1914*	10×12	Do	Ditto ...	Ditto another view.
1915*	10×12	Do.	Ditto ...	Ditto side view.
1916*	10×12	Do.	Ditto ...	Ditto back view.
1917*	10×12	Do.	Ditto ...	Ditto ditto.
1918*	10×12	Do.	Ditto ...	Ruins of small temple along side of Baital Deul.

*The negative marked with an asterisk were presented by Mr. E. C. Ryland.

APPENDIX F—*contd.*

Serial No.	Size.	District.	Locality.	Subject.
1		3	4	5
1919*	10×12	Puri	Bhuvanesvara ...	Lingaraj and other temples.
1920*	10×12	Do.	Ditto ...	Gauri and Kedaresvara temples.
1921*	6½×8½	Do.	Ditto ...	Ditto another view.
1922*	6½×8½	Do.	Ditto ...	Gauri temple.
1923*	6½×8½	Do.	Ditto ...	Muktesvara temple; general view.
1924*	6½×8½	Do.	Ditto ...	Ditto another view.
1925*	6½×8½	Do.	Ditto ...	Torana in front of Muktesvara temple.
1926*	6½×8½	Do.	Ditto ...	Parasuramesvara temple; details.
1927*	6½×8½	Do.	Ditto ...	Ditto another view.
1928*	6½×8½	Do.	Ditto ...	Ditto another detail.
1929*	6½×8½	Do.	Ditto ...	Ditto ditto.
1930*	10×12	Do.	Ditto ...	Sahasralinga tank with Lingaraj temple in the back ground.
1931*	6½×8½	Do.	Ditto ...	Sari Deul; details.
1932*	10×12	Do.	Puri	Jagannath temple; general view.
1933*	10×12	Do.	Do.	Ditto west view.
1934*	10×12	Do.	Do.	Surya pillar in front of Jagannath temple, with the main entrance.
1935*	8×10	Do.	Do.	Street scene of Puri with Jagannath temple in back ground.
1936*	10×12	Do.	Khandagiri ...	Bungalow with Jain temple and rock-cut caves on hillside.
1937*	10×12	Do.	Do. ...	Jain temple on Khandagiri.
1938*	10×12	Do.	Do. ...	Upper cells of Raninur cave.
1939*	10×12	Do.	Do. ...	Udayagiri with Hathigumpha, Sher-gumpha, and others.
1940	6½×8½	Do.	Do. ...	Rock-cut images inside the Nava-muni cave, left portion.
1941	6½×8½	Do.	Do. ...	Rock-cut images inside the Nava-muni cave, central portion.
1942	6½×8½	Do.	Do. ...	Rock-cut images inside the Nava-muni cave, right portion.
1943*	10×12	Do.	Konarak ...	Black Pagoda; general view.
1944*	10×12	Do.	Do. ...	Ditto front or east view.
1945*	10×12	Do.	Do. ...	Ditto details of main Entrance.
1946*	8×10	Do.	Do. ...	Black Pagoda; main entrance with Navagraha stone lying in front.
1947*	8×10	Do.	Do. ...	Black Pagoda; main entrance with Navagraha stone lying in front, closer view.

* The negatives marked with an asterisk were presented by Mr. E. C. Ryland.

APPENDIX F.—*contd.*

Superintendent's office—concld.

Serial No.	Size.	District.	Locality.	Subject.
1	2	3	4	5
1948*	10×12	Puri	Konarak ...	Black Pagoda; two stone elephants.
1949*	6½×8½	Do.	Do. ...	Ditto one stone elephant.
1950*	6½×8½	Do.	Do. ...	Ditto ditto.
1951*	8×10	Do.	Do. ...	Ditto stone lion on elephant
1952*	6½×8½	Do.	Do. ...	Ditto ditto.
1953*	6½×8½	Do.	Do. ...	Ditto ditto.
1954*	8×10	Do.	Do. ...	Ditto stone war horse with warrior.
1955*	6½×8½	Do.	Do. ...	Ditto ditto.
1956*	6½×8½	Do.	Do. ...	Ditto ditto.
1957*	6½×8½	Do.	Do. ...	Ditto carvings on the top, left side.
1958*	6½×8½	Do.	Do. ...	Black Pagoda; carvings on the top, left side, another view.
1959*	6½×8½	Do.	Do. ...	Black Pagoda; carvings on the top, right side.
1960*	6½×8½	Do.	Do. ...	Black Pagoda; carvings on the top, right side, another view.
1961	6½×8½	Nowgong (Assam)...	Debaka ...	Inscribed stone, obverse.
1962	6½×8½	Ditto ...	Do. ...	„ „ reverse.

* The negatives marked with an asterisk were presented by Mr. E. C. Ryland.

Assistant Superintendent's Office.

The following negatives are all full plate and hence their size is not indicated in a separate column.

Serial No.	District.	Locality.	Subject.
1	2	3	4
1963	Puri	Dhauli ...	General view of rock bearing Asok-edicts with shed above (from south east).
1964	Do. ...	Do. ...	Elephant carved out of rock bearing Asoka edicts.
1965	Do. ...	Khandagiri (Udaya-giri hills).	Hathigumpha, showing preparation of plaster cast of the Kharavela inscriptions (from south-east).
1966-67	Do. ...	Ditto ...	Panoramic view of Rani-gumpha (from east).
1968	Do. ...	Ditto ...	General view of Rani-gumpha (from east).
1969	Do. ...	Ditto ...	General view of caves.

APPENDIX F—*contd.*

Serial No.	District.	Locality.	Subject.
1	2	3	4
1970	Puri ...	Konarak ...	General view of Black Pagoda from south-east.
1971	Do. ...	Do. ...	Temple in front of Black Pagoda, from south.
1972	Do. ...	Do. ...	Temple in front of Black Pagoda, another view from south-east.
1973	Do. ...	Do. ...	Sculpture shed in the compound of Black Pagoda, from south-west.
1974	Do. ...	Do. ...	Two life size horses in stone, in the compound of Black Pagoda.
1975	Do. ...	Do. ...	Ditto one of the two horses shown separately.
1976	Do. ...	Do. ...	Ditto ditto.
1977	Do. ...	Do. ...	Two life size stone elephants in the compound of Black Pagoda.
1978	Patna ...	Nalanda ...	General view of Monastery (Site No. 1), from west.
1979	Do. ...	Do. ...	Excavated rooms, from north east (Site No. 1*a*).
1980	Do. ...	Do. ...	Ditto ditto another view.
1981	Do. ...	Do. ...	Ditto ditto from north-west.
1982	Do. ...	Do. ...	Excavated doorways, showing the sill and part of door jambs (Site No. 1*a*).
1983	Do. ...	Do. ...	Structure in the courtyard of the Monastery (Site No. 1), from north-east.
1984	Do. ...	Do. ...	Structure in the courtyard of the Monastery (Site No. 1), from north-west.
1985	Do. ...	Do. ...	Portion of structure showing steps from south-west.
1986	Do. ...	Do. ...	Portion of above showing projecting brick-work of superstructure from south-east.
1987	Do. ...	Do. ...	Outer face of east main wall of Monastery (Site No. 1), after conservation, 1920.
1988	Do. ...	Do. ...	Ditto ditto another view.
1989	Do. ...	Do. ...	A part of above showing detail of ornamentation of chapel; south-east corner.
1990	Do. ...	Do. ...	Ditto ditto from north-east.
1991	Do. ...	Do. ...	Main stupa with newly excavated minor stupas from south (Site No. III).
1992	Do. ...	Do. ...	Ditto ditto from south-east.
1993	Do. ...	Do. ...	Portion of main stupa with other newly excavated minor stupas, from south-west.
1994	Do. ...	Do. ...	Ditto ditto from south-east.
1995	Do. ...	Do. ...	A newly excavated stupa on south-east corner of main stupa.
1996	Do. ...	Do. ...	Portion of above showing decorative details.

APPENDIX F—*contd.*

Serial No.	District.	Locality.	Subject.
1	2	3	4
1997	Patna ...	Nalanda ...	Newly excavated statue of an unknown subject (probably Nagarjuna ?) in a miniature temple at south-east corner of the main stupa.
1998	Do. ...	Do. ...	Ditto ditto distant view.
1999	Do. ...	Do. ...	Image of a goddess, probably Kotesri, newly excavated, south-east corner of main stupa.
2000	Do. ...	Do. ...	Image of Ganesh and Siva-linga, found east of main stupa.
2001	Do. ...	Do. ...	Stone panel with four Buddha shown in niches.
2002	Do. ...	Do. ...	Terracotta plaque with Buddha and Bodhisattva as well as a female head in stone.
2003	Do. ...	Do. ...	Fragments of different sculptures.
2004	Do. ...	Do. ...	Ditto ditto.
2005	Do. ...	Do. ...	Three newly excavated metal images (one of Buddha and two of Tara) before cleaning.
2006	Do. ...	Do. ...	Ditto (one of Avalokitesvara, one of Tara and one of Maitreya ?):
2007	Do. ...	Do. ...	Group of newly excavated metal images. (2006 and 2007 taken together).
2008	Do. ...	Do. ...	Image of Marichi (lower portion) in stone.
2009	Do. ...	Do. ...	Stone Image of Vajrasttva seated.
2010	Do. ...	Do. ...	Curved stone with a row of images of Buddha.
2011	Do. ...	Do. ...	Three small stone images newly excavated (one showing Manjusri, one possibly some form of Vajrapani and Buddha in *bhumisparsha* mudra).
2012	Do. ...	Do. ...	Three small stone images newly excavated representing Boddhisattva (possibly Avalokitesvara and Maitreya).
2013	Do. ...	Do. ...	Five small stone images (1 Jambhala, 2 Taras and 2 Buddha in *bhumisparsha* mudra).
2014	Do. ...	Do. ...	Stone image of Maitreya expounding laws flanked by Kurukulla and Bhrikuti.
2015	Do. ...	Do. ...	Stone image of Maitreya sitting with left hand in Abhaya mudra.
2016	Do. ...	Do. ...	Image of a standing Bodhisattva perhaps Miatreya (found in a niche), of a miniature temple south-east of main stupa.
2017	Do. ...	Do. ...	Metal vase before cleaning (broken).
2018	Do. ...	Do. ...	Part of a large earthen pot such as are used in granary.
2019	Do. ...	Do. ...	Earthen jar such as are used in granary.

APPENDIX F—*concld.*

Serial No.	District.	Locality.	Subject.
1	2	3	4
2020	Champaran ...	Rampurwa ...	Lion capital of Asoka Pillar at present in the Indian Museum, Calcutta.
2021	Do. ...	Do. ...	Lion capital of Asoka Pillar, another view.
2022	Do. ...	Do. ...	Bull capital of Asoka Pillar at present in the Indian Museum, Calcutta.
2023	Do. ...	Do. ...	Bull capital of Asoka Pillar, another view.
2024	Shahabad ...	Masarh ...	Lion head in stone (side view).
2025	Do. ...	Do. ...	Lion head in stone (front view).
2026	Do. ...	Do. ...	Fragments of an abacus of old pillar.

APPENDIX G.

List of drawings plotted and finished during the year 1919-20.

Assistant Superintendent's Office.

Serial No.	Subject.
1	2
153	Nalanda Excavations : plan of Monasteries on main site (Site No. I).
154	Detail plan and sections of the main east wall of buildings on Monastery Site No. I.
155	Plan and sections of structure, in the compound of Monastery Site No. I.
156	Nalanda Excavations : plan of main stupa with other minor stupas (Site No. III.)

APPENDIX H—(Treasure Trove).

I—CONSISTING OF COINS.

(A)—Bengal.

District.	Locality.	Number of Coins.	Metal.	Examined by—	Circumstances of find.	Classification and discription.	Disposal and Remarks.
1	2	3	4	5	6	7	8
Dacca	Atturanayarbag, Police Station Baidyerbazar.	25	Silver...	Curator, Dacca Museum	Found in an earthen pot by Madan Shaikh Juna and Sahadulla of Nazirgunj while digging earth.	Mahmud Shah, Emperor of Delhi, 1719—1748 A.D.	Recommended for acquisition.
Dacca	Keteen, Police Station Rupganj.	346	Do. ...	Ditto ...	Found in a brass pot under the ground by Krishna Charan Goai Das in the house of Mahendra Kumar Goal of Keteen.	Independent Sultans of Bengal	Ditto.
Birbhum ...	Parsundi, Police Station Khoyrasole.	529	Do. ...	.....	Found by Asai Bauri, Srish Bauri, Binode Bauri, Jugal, Kunja Keot, Madan, Umesh Keot while digging a bank of a tank.	.....	Transferred to Superintendent, Archæological Survey, Eastern Circle, for disposal.
Jessore... ...	Chaltabaria, Police Station Keshabpur.	49	Do. ...	Lt.-Col. H. R. Neville	Found by Indu Bhusan Nag of Chaltabaria, while digging a piece of land under his possession.	39 silver coins of British Mintage; 8 old coins of Moghal emoire; 2 half coins of Moghal empire.	10 Moghal coins were recommended for acquisition and the rest deposited in Treasury.

(B)—Bihar and Orissa.

Bhagalpur ...	Bariahi, Police Station Bongong.	58	Silver ...	Mr. R. D. Banerjee ...	Found by Dinku Jolaha of Bariahi, Police Station Bongong, while digging the earth in order to make a road leading to Ghoraghat.	.....	Deposited in the Patna Museum.
Sambalpur ...	Mauza Badtikra, Police Station Rampella.	26	Do. ...	Ditto ...	Found in a brass case by Gobinda Ganda, Baija Ganda and Ganjia Ganda of Badtikra, Police Station Rampella, while digging earth in a portion of the waste land of the village.	.....	
Ranchi ...	Khukra Kurha Toli, Police Station Bero.	14½	Copper and silver mixed.	Ditto ...	Found in a copper Diba by Bandhua Oraon of village Khukra Kurha Toli while ploughing his field.	.....	Deposited in the Patna Museum.
Orissa Feudatory States, Sambalpur.	Tel river in Sonepur State.	2	Gold ...	Superintendent, Archæological Survey, Central Circle, Patna.	.....	Fanams of the Ganga Dyansty of Kalinga of the 12th century, A. D.	Presented to the Patna Museum.
Gaya	Matha Puraria, Police Station Rafiganj.	18	Do. ...	.....	Found by Dukhni Kaharin ...	.....	Collector recommended their acquisition.
Monghyr ...	Village Sindhi, Police Station Barbigha.	96	Do. ...	Mr. R. D. Banerjee ...	Found by Brihaspat Kahar in a Diba of copper in a garh while digging out for earth.	Mahmud Shah, Jalal Uddin, Kutub Uddin and Pathan Kings of Delhi,	Deposited in the Patna Museum.

II—NOT CONSISTING OF COINS.

(A)—Bengal.

District.	Locality.	Nature of find.	Weight.	Approximate value.	Circumstances of find.	Desposal and Remarks.
1	2	3	4	5	6	7
24-Parganas ...	Falta, Diamond Harbour Subdivision.	Two images of Vishnu	...	...	Found by Manik Khasa of Jaffarpur while digging the bed of Falta river.	Papers sent to Superintendent Archæological Survey, Eastern Circle, for disposal.
Dacca	Atturanayarbag, police-station Baidyerbazar.	Six round ornaments of the size of peas.	...	...	Found in an earthen pot by Madan Shaikh Juna and Sahadullah of Nazirgunj, while digging earth.	Recommended for acquisition.

(B)—Bihar and Orissa.

Bhagalpur	Bariahi, police-station Bongong.	11 As. Gold piece ...	...	...	.....	Deposited in the Patna Museum.
		3 files copper piece ...	...	...	.....	
		10 corals	...	...	.....	
		3 clay marbles ...	...	...	.....	
Monghyr	Babu Takiya, Kasimbazar, Monghyr.	16 gold earrings ...	...	...	Found by Naktu Das Sadhu while erecting a hut.	Acquisition not recommended by Collector.
		4 silver bangles ...	...	...		

PART II.

Conservation and Excavation at Nalanda.—Owing to some departmental changes the work of conservation as well as exploration could not be resumed at Nalanda till late in the month of February, or rather in the beginning of March, when Dr. D. B. Spooner, the Deputy Director-General of Archæology in India visited the place; and after carefully inspecting with me the excavated monuments on the site, drew out a conservation note for my general guidance. If the report is to be confined to the year to which it belongs officially very little will have to be said, for much could not be achieved in the short period of some four weeks. But, as our field season lasts longer and our operations usually continue till the advent of rains, I think, the whole work done in it may very well be ascribed to the year of this report. The work continued, though sparsely, up to the end of June and was throughout carried on under my personal supervision, excepting some three weeks, when I was on casual leave or away in Patna. As was the case during previous years Babu Hari Das, the Excavation Assistant of the Superintendent's Office and Babu Bihari Lal Ghose as well as his son Babu Mani Lal Ghose took active part in supervision. When Babu Bihari Lal Ghose fell seriously ill and was removed to hospital at Bihar and his son, who had just recovered from a severe attack of Malaria, took leave to attend on his father, Babu Narendra Nath Bose and Babu Uma Shankar Varma of my office assisted me, and I am thankful to all of them for the help they have rendered during this trying weather in controlling the labour under the burning rays of the sun.

My grateful thanks are due to Dr. D. B. Spooner, who entrusted the work to me and thereby enabled me to study this, one of the most important site of ancient India along with its highly interesting antiquities lying *in situ* or in the newly constructed rest house of the Archæological Department.

During the operations of this season Rs. 2,719-4-0 were spent on conservation and Rs. 1,849-5-10 on excavations up to the end of the official year, i.e., 31st March 1920, and the balance of Rs. 3,080-12-0 and Rs. 1,484-6-11 on the two heads or the total amount of Rs. 4,565-2-11 lapsed to Government, a fact very much to be regretted; for the sum could have been utilized had the operations commenced in time. The total expenditure incurred up to the end of June was Rs. 3,750-14-0, out of which Rs. 2,212-5-3 were spent on excavation and the rest on conservation including clearance of debris, etc.

The conservation work done at the outset of the season consisted in undoing part of the work done before at a time when, owing to lack of proper supervision, certain mistakes of a minor nature were made. The exterior of the main monastic building on site No. I, so far as it is visible, has now been completely conserved, so also the hearting of its walls. The debris lying by the southern main wall in the form of several buttresses, which marred the aspect of the structure and served no purpose, has now been cleared and earth rammed instead in a southward slope. The north verandah has been filled up after necessary repairs to the crazy walls exposed during previous explorations and a part of the eastern verandah has also been filled up in a sectional way to show the successive occupations of the site. Several walls of the cells belonging to the B monastery, which were in a parlous condition, have been repaired together with their nichês. Much clearance has been effected outside the structure towards the east so as to give a good view of it from the roadway and a drain cut to let the rain water flow into the adjoining fields. Most of the minor stupas lying to the west of the main colossal stupa have also been repaired. The temporary roofs on the two excavated temples at the north-east and north-west corners have been renewed and a wooden shed has been erected on the structure enshrining the life-size image of the Bodhisattva, Avalokitesvara to the north-east of the main stupa.

Exploration of the main site this year has brought to light another building apparently of a monastic nature. In structure and age it appears to be identical with monastery B. It stands on the remains of an earlier building which might have been contemporary with the so-called A monastery of the site

No. I. It has yielded several small statuettes in stone as well as metal, some of which are of special interest for the Mahayana iconography, in so far as the *dhyanas* of the divinities they represent do not appear to have been noticed before. During this season I could examine the interior of the brick structure standing in the courtyard of the large monaste[illegible] in site No. I and clear some of the cells of monastery B as well. A considerable part of the mound lying to the east of the site No. III, cut through during previous operations, has been cleared, so also the area to the south side of it. Digging at the east has enabled me to bring out, among others, two, if not three, stone images which, as I shall show below, appear to be quite unique. One of these, I believe, can well compete with the very best products of the so-called Magadha school of sculpture. Besides the Buddhistic remains I have found one stone *lingam* of Siva and an image of Ganesa as well. At the south side of the main stupa I excavated several votive stupas of various designs and laid bare parts of wallings which, when traced out, are likely to lead to earlier structures of sorts.

Attention was also given to the examination of the site No. II. The plinth on which the structure decorated with stone-panels stands, was traced on all the four sides. The trench dug towards the west of it has opened a well—built brick wall running parallel towards the south, which, I confidently hope, will lead to some interesting results.

Apart from stone or metal images I have been able to find some clay seals and plaques, as well as other miscellaneous relics noticed in the attached list. Besides these, I found one gold coin of Pratapaditya (Cir. 700 A.D.)and a silver coin which has not yet been cleared and identified.

The above resume will show that the operations of this season have amply repaid the labour and expenditure bestowed on them.

After this foreword I may give here a few necessary details of the work I did at Nalanda.

Conservation.

The conservation work done to the main west wall and the uppermost cells on the site No. I which belong perhaps to the last occupation of the site, was defective, as I have just remarked, and required redoing. It was overdone or done not quite in conformity with the principles of conservation of ancient monuments. To remove these defects I rebuilt the upper portion of the facing and the hearting of the outerface of the main wall north of steps keeping in view that the wall has to be made watertight and its broken contour is to be preserved throughout. The other defect in the repair which has not been noticed before and which requires rectification lies in the continuation of the north wall of the first cell towards the south or the proper left side of the existing entrance of the monastery. This I found out late while examining the plan of the building when the work was practically closed for the time being; otherwise I would have removed it this very season. The cells of the late monastery standing on what has been called E level, which I am told, were repaired under the supervision of some Public Works Department official, have also been touched up similarly. Other defects pointed out by Dr. Spooner or noticed by me subsequently will be removed next season.

Monastery B.—The structure on this area, which has been conventionally called monastery B, appears to have been a magnificent one and built about the time when Nalanda must have been in a very flourishing condition. It was evidently erected on the remains of what has been named monastery A. Dr. Spooner explored three of the verandahs of this monastery B and unearthed many interesting antiquities there. The inner walls of the verandah on the north side of it and the doorway were in a delapidated condition. The southern wall of it facing the courtyard was repaired last year but the portion forming the back of the artificial caves was found to be leaking. After removing these defects, I filled, in accordance with the recommendations of Dr. Spooner, the whole of the verandah with earth nearly to the top level. When the earth that has been thrown here settles down a concrete pavement like the one existing

at the E level will be laid as proposed by the said officer in his conservation note. To enable the visitors to study the developement of the buildings here Dr. Spooner asked me to fill in the east verandah from the north end as far south as the cell No. 17 to the cell No. 19 leaving the rest of the verandah excavated up to the end, showing in a sectional way the several stages of the building. This has been accomplished and visitors can now understand coming near the cell No. 19 and going northward to cell 17 how C was built over the remains of B, D over the remains of C and so on. For the reason, just given, I have not yet put any concrete layers here. Proceeding from the south-east corner and taking the grades section by section we can now see the E, D, C and B levels at a glance. The A level and the level of structures anterior to A will be similarly shown when the investigation is complete.

The chief work of conservation of this year is the repair of the main east and south outer walls of monastery B. The eastern wall has practically been refaced on the lines of the north-east corner, the northern side of which I opened this year. I have followed as faithfully as I could the construction of this corner up to the south-east angle of the chapel where the ornamentation is different and more elaborate. From this angle onward to the south-east corner and also the whole length of the south wall I have contented myself with the repair of the facing up to the layer of bricks where the ornamental work commenced and with the repair of the existing hearting. No attempt has been made to reconstruct the facings beyond this limit for want of evidence as to the nature of the construction of the walling here as well as for the fact that restorations will be very costly. As I have just remarked, the construction cha ges from the south-west outer corner of the chapel, at least, as far as the ornamentation is concerned. A part of this facing, about 6 feet long and 4 feet high, from the plain band running right through the wall all round, is still intact and has been preserved as a specimen. When the building A fell hown what remained of its walls was covered up by brick encasement commencing at different heights or by its own debris. The same was perhaps the case, I think, with the still earlier buildings, some of whose remains I could open this year as will be seen below.

Some repairs were done to the rooms which were cleared this year, namely, those numbered 24 and 25 and to the cells numbered 22 and 23 which were cleared before. Two of the doors have been bricked up for the present as a temporary measure and will be cleared later when their lintels and jambs would be thoroughly conserved.

Other repairs effected this year pertain to the small votive stupas lying to the west of the main stupa on site No. 3 and need not be dilated upon here. So also the repairs of the temporary roofs on the temples at the north-east and north-west corners of it. One of the chief item of conservation, however, is the wooden shed constructed over the image of Avalokitesvara Bodhisattva standing at the north-east corner of the large stupa in a miniature shrine. Excepting a few damages the figure is in a fair state of preservation and a fine specimen of mediæval statuary. While recounting relics at Nalanda Hieun Tsiang notices a standing figure of Kwan tsi-tsai or Avalokitesvara Bodhisattva, he saw, to which he attributes some miraculous powers. Possibly this is the very image spoken of. It stands to the south-west of the main monastery on site 1 and to the south of another Vihara partially excavated by Dr. Spooner. To the south of this statue stands the large stupa which, because of its importanee shown by the treatment it received at different times, the position it occupied amongst many small stupas erected round it and the fine temples standing at its corner, can safely be identified with the stupa in which the remains of Buddha's hair and nails, cut during three months, were, according to Hieun Tsiang, deposited. If my surmise is correct, I think, we shall be able to locate several of the relics enumerated by the pilgrim in a relative position. Apart from the proposed identity the statue in itself required protection. So Dr. Spooner very judiciously had thought of constructing a wooden shed over it.

Excavation.

During the time of Dr. Spooner's visit a trial pit was sunk at the south east corner of the parapet belonging to monastery B, both inside as well as outside, and was carried to a depth of some 12 feet. Digging at the inner corner revealed a brick pavement at a depth of 5½ feet. This pavement possibly goes all round the courtyard. I found it at two more places, one outside and the other beneath the brick structure standing in the courtyard. It was broken through and digging carried to about 14 feet from the ground level of the courtyard of monastery B where the walling terminated. No brick pavement was found on the outer side, i.e., in the verandahs where strong concrete and *Surkhi* floor is laid instead. Diggings outside the corner revealed two cross walls of different heights, one going south and the other east. The former joins with the south main wall and the latter with the inner east wall of the verandah. A narrow trial trench in this room has brought to light a nice platform lying under the one which belongs to the B monastery and was opened during previous excavations.

The core of the structure standing in the courtyard opposite to the so-called artificial caves has been examined by sinking a well at the centre as is illustrated by the accompanying drawing. I found some undressed blocks of stones, ashes and charcoal in it. What significance the stones, have, I cannot say. In vain I expected to find some relics here specially when I struck at a well-laid plaster and concrete flooring at different depths. Digging was carried up to the brick floor mentioned above. Evidently the structure is later than A monastery but the object for which it was erected is not obvious. One is tempted to think, looking at the importance of the whole building around, that it marks the spot where a king of Central India placed a figure of Buddha as a token of gratitude to the founder of the great Sangharama. Possibly, further examination of the building by sectional cuttings might throw some light on its history.

Excavations outside the Main Monastery on Site No. I.

Though digging in the interior indicated the existence of remains belonging to buildings anterior to A monastery, yet for want of definite data I could not proceed further there and thought it safe to try the space outside, and I am glad to say that my expectations were fully realized. A wide trench cut at the back of the chapel, which enshrined the large terra-cotta Buddha revealed a nice platform, more than 2 feet wide, running along the chapel. Digging further down I found at least three different foundations lying one above the other, as will be illustrated by the sectional drawing which accompanies this report. The lowermost wall is the innermost one and, undoubtedly, the earliest. It stands on the virgin soil and is at a depth of some 24 feet from the extant basement of the monastery or about 19 feet from the present ground level there. The only relics I found at this level were baked or sundried earthen balls of various diameters ranging between one to three inches. Digging at the south-east angle indicated that the construction of the wall was different. It further showed how the wall of monastery A was enveloped or encased by the builders of monastery B who started building or encasing the walls of A not from any particular level but from the point were they found the wall exposed, that is to say, where the walls were not hiden under the debris. Further digging was stopped for fear of damage to the encasement. To understand fully the development of buildings here as well as their plan, it seems necessary to examine the whole of the exterior from one corner to the other. Further, it seems desirable to remove the debris all round this side up to the level of the said platform. That will considerably improve the view of the ruins and enable the visitors to form an idea of their past grandeur.

Special attention was given to the excavated area lying to the south-west of site No. 1. During previous explorations some steps were exposed at this corner as well as a stretch of corbelled wall running south wards. Excavation here has enabled me to open the foundations of what appear to be

out-houses and the remains of another, possibly, monastic, building going south and west, which promises to be rich in relics and helpful in studying the developement of the buildings on the site No. 1. The foundation walls of these out-houses go to a depth of some 19 feet. In construction they are similar to the walls excavated at the south-east corner of the courtyard of monastery B. Possibly, these did not belong to any out-houses at all and might have been meant to support the brick wall of the several storied monastery which Hieun Tsiang saw standing there. The building discovered this year is apparently contemporary with monastery B like which it stands on the remains of another old structure. The statuettes unearthed in it would suggest that it was monastic in nature. Its plan is not yet clear. So far I have opened some seven rooms and a considerable part of what may be its northern verandah. The flight of steps between the second and third room possibly connected it with the steps opened to the south-west corner of B. For convenience I call this site No. Ia. The buildings on these two sites, namely, I and Ia, were possibly independent originally. Later on they were joined together, as will be shown by the construction of a walling at the north-east corner. The room to the west of the steps opens into a sort of pavilion, the stone bases of whose pillars are still preserved. The doors of the rooms of this building have still got burnt sils of wood and the extant portions of their jambs show how door-frames were fitted in them. On this account they are of special value for they will help us to conserve the doorways of the monastery B. The exploration of this building has so far yielded seven metal and twelve stone images. One of these finds is a small black marble square with two footprints or paduka, five represent Tara, five Buddha, one Jambhala or Kubera, and seven Avalokitesvara Bodhisattva. One of them is a two-armed image of some deity standing on the body of two Naga figures holding a *Vajra* in each hand with a garland of a snake having its hood lifted upon his left shoulder and a sort of canopy of snake hoods. Its identity is not yet clear. It might possibly represent some form of *Vajradhara*. I attacked a corner of the flooring of a cell and found a brick pavement beneath like the one excavated in the site No. 1. In the pavilion I found a metal vase (?), unfortunately broken, whose utility specially in a monastic building is not apparent. It is thickly coated with rust and requires careful cleaning. It belongs to the monastery of the king of central India like the bronze or copper pillar, (the leg of a throne ?) found by Dr. Spooner in 1916-17. Further digging had to be stopped, for it was obstructed by the huge pile of bricks heaped during previous diggings.

Site No. III.—This site was attacked from two sides, namely, s uth and east. Several stupas shown in the accompanying drawing were opened on the south side. Digging at the south-east corner brought to light three Buddhistic images requiring special mention. Two of these appear to be unique. Their subjects have not yet been identified with certainty. One of them is a male figure, crowned, sitting under seven hooded serpent, holding rosery in the right hand and a goblet (?) in the left hand. Apparently it represents some deified human being. That it is neither Gautama Buddha whom we sometime find represented seated with a serpent Muchalinda, the Naga king, protecting his body, nor Parsvanatha or Suparsvnatha *jina*, whose images are likewise characterised by the emblem of a snake with seven or five hoods, is certain. The rosary and the Naga would suggest to me that the figure might stand for Nagarjuna—specially the snake which reminds me of the Naga who protected him or revealed to him the holy texts in the dragon palace under the sea. We know that in his representations he has an aureole which is marked by seven snakes or that the snakes gave him the *Pragnaparamita*. But this is only a conjecture which I have thrown for consideration. The other image is that of a goddess with several young children, probably Buddhas, sitting around. I think it represents Kotisri or Sapta-koti-Buddha-Matri Chunti, the mother of seventy-thousand Buddhas, one of the several forms of the god or goddess of mercy or Avalokitesvara who is worshipped both as a male and a female divinity. The third image excavated here represents a subject whose identity is also not yet certain. It is a male figure sitting in the *vilasa* posture holding a *vajra* in the right hand and a lotus in the left hand. A stupa is engraved over his head at the side of which a small figure, probably representing Akshobhya, is carved. I think the divinity represented is Vajrasattva. The Brahmanical remains unearthed here in the form of

Ganesa and Sivalinga may show Brahmanical occupation of the site. Or perhaps these might have been put by the Buddhists themselves to show that the Brahmanical gods were only sub-servient to Buddhas or Bodhisattvas. Excavation on this side enabled me to find many sculptures, seals, architectural pieces and terra-cotta plaques bearing images of Bodhisattvas, or the creed formula and some clay seals. All these have been listed below and their details can be seen there.

Site No. 2.—Some spade work was done at the Patharghati or the site No. 2, which is lying towards the north of the main site. I traced the plinth of the building decorated with stone panels to its very foundation at three different places and was led to conclude that the structure stood on a high terrace. The trial trench sunk at the west side led me to a very nicely built high brick wall running north to south which would suggest that the building with stone panels came into existence long after this wall or the building to which it belongs was erected. Digging on a small scale inside the building at different places revealed the remains of later buildings too. A trial trench sunk at the centre showed how the interior there was filled with undressed blocks of stones such as are used for infilling. Similar blocks I found in the broad wall of the room lying to the south of the pavilion in the building exposed this year on the site No. Ia. Possibly the bricks formed the face of the terrace which was filled in by these blocks. But as my investigation is not complete yet it is no use making guesses. What leads me to think that the structure stood on a high terrace is the absence of doorways. I did not find any entrance or door, though at places, particularly at the middle of each of the four walls, I dug fairly deep, in two places to the very foundation or the first layer of bricks.

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LIST OF ANTIQUITIES EXCAVATED AT NALANDA IN 1920.

No.	Particulars of site.	Description of finds.	Measurement.
1	2	3	4
		STONE OBJECTS.	
1	Site No. III ...	A male figure seated like an Indian prince in *vilāsa* posture holding *Vajra* in right hand and lotus stalk in the left hand. A stupa is engraved over his head, at each side of which there is a small figure of Buddha, probably Akshobhya, in *bhūmispars'a mudrā*. Below the lotus seat on the right and left sides of the lotus flower on which his right foot rests are shown male and female figures also sitting on lotuses. These may be donors probably. The presence of Akshobhya will indicate that the figure represents Vajrasattva, one of the Ādi-Buddhas—it is a new form though, for the representations known of this divinity do not hold lotus stem nor sit like him. On the left side of the figure is written the creed formula and on the pedestal a short votive inscription of two lines recording the name of the donor Srīdatta written in characters of about the 8th century, A. D. The statue is well preserved excepting the nose which is slightly damaged. The left side of the pedestal is carved but not the right side and there are two grooves on the left side showing that the figure was fixed on a wall, perhaps along with others.	16½″ × 3′-3½″.
2	Ditto ...	Bodhisattva, standing under a tree with right hand extended in 'gift bestowing' attitude and left hand holding garments. A male figure, probably of the donor, with folded hands stands to his left. The creed formula is cut round the upper body in letters of about the 8th or 9th century, A. D.	2″ high 11¼″ broad.
3	Ditto ...	Torso of a Buddha (?) figure	7″ × 7″.
4	Site No. II ...	Corner stone with a row of figurines of Buddha expounding the law. It was found lying near the site on a heap of bricks.	2′ long × 9¼″ broad.
5	Site No. III ...	A corner stone with four figures of Buddha sitting in niches—the first in meditation or *dhyāna*, the second and the fourth in 'earth-to a ching' or *bhumispars'a* and the third in preaching attitude. The fifth figure which is on the corner side is of a Bodhisattva who may be either Avalokites'vara or Maitreya.	21½″ × 6¾″ × 4″.
6	Ditto ...	Ganesa, sitting, four-armed, with his symbol of mouse. His left leg and arms and the attributes, excepting the axe held in upper hand, missing. He is wearing a snake like the Brahmanical thread. His trunk is bent in the middle and goes towards the left, probably to take sweets held in the lower left hand. It was found lying upside down to the east of the plinth of the main stupa in debris.	17″ × 9″.

No.	Particulars of site.	Description of finds.	Measurement.
1	2	3	4
7	Site No. Ia ...	Buddha, sitting in *abhayamudrā* on lotus seat supported by lions. A two-lined inscription is cut on the back in the characters of about the 10th century A. D. giving the creed formula to which the words *Vajra vā ūm vajra karmma ūm* are prefixed. Found in debris, in verandah opposite third room.	$14\frac{1}{2}'' \times 8\frac{3}{4}''$.
8	Site No. III ...	Bodhisattva, probably Maitreya, sitting cross legged in *vitarkamudra*, the goddesses Kurukullā and Bhrikuṭi are shown standing to his right and left, respectively. A seated figurine with upper part missing which probably represented Buddha, is carved to the right side of his head. The upper part of the nimbus, the headdress and the upper left side with the head and hands of Bhrikuṭi are gone. The Bodhisattva is sitting on a lotus resting on a lion throne in front of which is shown a male figure sitting with right hand raised up and left hand holding a staff or mace and with protuberant stomach looking upwards.	$12\frac{1}{2}'' \times 9\frac{1}{2}''$.
9	Ditto ...	Linga or emblem of Śiva with rectangular base, octagonal middle and circular top. Found in debris east of main stupa.	$9 \times 3\frac{1}{2}''$
10	Site No. Ia ...	Avalokiteśvara, standing with Amitābha on his head and right hand extended in *varamudrā*. The left hand held probably a lotus which is missing. The creed is cut on the pedestal in letters of about the 7th century, A.D. Found inside room No. 3.	$11'' \times 5\frac{1}{4}''$.
11	Site No. III ...	Female figure with hands, legs and nose missing. Halo which bears inscription, probably creed, cut in late mediæval letters, also gone.	$14'' \times 4\frac{1}{2}''$.
12	Ditto ...	Architectural stone, probably upper part of some niche or miniature temple.	$13'' \times 5''$.
13	Ditto ...	Lower part consisting of feet of a figure (perhaps standing Avalokiteśvara as shown by a *preta* figurine under the right hand), with two worshippers shown on each side of the pedestal. Legs of a standing figure on the right and feet of another on the left are also preserved. Found in debris to south of main stupa.	$13\frac{1}{4}'' \times 6''$.
14	Site No. Ia ...	Fragment of a figure of Avalokiteśvara, with Tārā standing under his right hand.	$10\frac{1}{4}'' \times 3''$.
15	Site No. III ...	Lower portion of a figure of Buddha, seated cross-legged, in monastic garments o a lotus seat supported on lions with Nālanda emblem in front.	$4\frac{3}{4}'' \times 4\frac{3}{4}''$.

No.	Particulars of site.	Discription of finds.	Measurements.
1	2	3	4
16	Site No. III ...	Upper portion of a figure of Maitreya holding *Champaka* or *Nāgapushpa* flower in the right hand with stupa shown to right and creed formula cut round the head in late mediæval characters. Found in debris to south of main stupa.	$5\frac{3}{4}'' \times 3\frac{5}{8}''$.
17	Ditto ...	Fragment, probably architectural, showing a lion holding a garland in his mouth and standing by the side of a pilaster.	$5''\frac{7}{12} \times 4\frac{10}{16}''$.
18	Site No. Ia ...	Fragment of a halo of some figure showing Vajrasattva (?) holding *Vajra* in right and lotus stalk in left hand with portion of inscription. Found from debris in Site No. Ia.	$3\frac{3}{4}'' \times 2\frac{3}{4}$.
19	Site No. III ...	Fragment of a sculpture showing a female, standing, with face and legs missing.	$4'' \times 3''$.
20	Ditto ...	Head of figure of Maitreya with stupa in head-dress.	$2\frac{1}{2}'' \times 2\frac{1}{2}''$.
21	Ditto ...	Fragment of a figure showing Buddha seated in *Vajrāsana*.	$5\frac{5}{8}'' \times 2\frac{5}{8}''$.
22	Ditto ...	Fragment from left side of an inscribed image showing a lotus and another small fig re seated in *vilāsa* attitude on a lotus.	$2\frac{3}{4}'' \times 3\frac{1}{4}''$.
23	Ditto ...	Fragment showing the middle portion of a Buddhistic figure having the creed formula written in 8th or 9th century letters round it.	$4\frac{5}{8}'' \times 2\frac{3}{8}''$.
24	Ditto ...	Lower fragment of a stone figure of a Bodhisattva, probably Maitreya, with Kurukullā and Bhrikuṭi, on his sides. One miniature figure of a worshipper is carved to his right and a standing figure, probably a *chauri* bearer, to his left.	$4\frac{3}{8}'' \times 4''$.
25	Ditto ...	Fragment of an architectural stone. ...	$4\frac{7}{12}'' \times 3\frac{1}{3}''$.
26	Ditto ...	Headless stone figure of Tārā sitting in *vilāsa* attitude with right hand stretched in *varam* and left hand holding lotus stalk. One figure, shown on each side of pedestal, possibly represents the donors. Inscription cut at the back in four lines gives the creed.	
27	Ditto ...	Fragment of a sculpture showing three seated Buddhas in different attitudes.	$6\frac{1}{6}'' \times 4\frac{1}{2}''$.
28	Ditto ...	Fragment of sculpture with portion of the creed inscribed on it.	$5\frac{1}{4}'' \times 5''$
29	Ditto ...	Fragment of sculpture showing Tārā seated in sportive attitude in a niche holding lotus in left hand which is stretched in *vara-mudrā*.	$4\frac{5}{12}'' \times 4\frac{1}{2}''$.
30	Ditto ...	Head of Bodhisattva Maitreya with five *dhyāni* Buddhas shown in it and creed formula cut round the halo.	$3\frac{3}{4}'' \times 5''$.

No.	Particulars of site.	Description of finds.	Measurement.
1	2	3	4
31	Site No. III ...	Fragment of an image of Maitreya showing upper portion of nimbus with the creed cut round it and a stupa on the right side.	$9\frac{1}{8}'' \times 4\frac{1}{2}''$.
32	Ditto ...	Fragment of a seated figure showing the right knee on a lotus seat with part of Nālanda emblem in front of pedestal.	$3\frac{1}{2}'' \times 2\frac{1}{2}''$.
33	Ditto ...	Carved fragment of some architectural stone.	$6\frac{1}{8}'' \times 3''$.
34	Ditto ...	Fragment of a sculpture showing a standing male figure with a mace-like object resting against left shoulder and holding a vessel in his two hands. Legs are missing.	$5\frac{1}{4}'' \times 3\frac{1}{4}''$
35	Ditto ...	A very nice head showing profile of probably some female figure with large earring, hair braided to right and head decorated with ornaments.	$3\frac{3}{4}'' \times 3''$
36	Ditto ...	Left hand of a figure holding *vajra* and wearing wristlet.	$7\frac{1}{4}'' \times 2\frac{1}{2}''$.
37	Ditto ...	Fragment of a figure showing two feet resting on a lotus.	$1\frac{1}{4}'' \times 2\frac{3}{4}''$.
38	Site No. Ia ...	Stone figure of standing Tārā, two-armed, holding lotus stalk in left hand and having right hand extended downwards in *vara-mudrā* with stupa shown at the right side of her head with five-lined inscription at the back. Three lines of the inscription give the creed and two, *i.e.*, the lower ones, the name of the donor, in early Nāgarī characters of about the 8th or 9th century, A. D.	$6\frac{3}{4}'' \times 3\frac{3}{4}''$.
39	Ditto ...	Image of Bodhisattva sitting with right hand stretched in *abhaya-mudrā* and left placed down with the stem of *champaka* flower held in it.	$4\frac{1}{4}'' \times 2\frac{7}{8}''$.
40	Ditto ...	Statuette of Tārā, standing, holding lotus stalk in left hand and having her right hand extended in 'charity' or *vara-mudrā*. A miniature stupa is to be seen over the head. The back bears the creed written in four lines in the 8th or 9th century Nāgarī script.	$4'' \times 2''$.
41	Ditto ...	An unfinished figure, representing Padmapāṇi(?) sitting in Indian fashion with lotus stem in the left hand.	$3\frac{3}{8}'' \times 2\frac{1}{2}''$.
42	Ditto ...	Statuette representing Buddha sitting in *bhumisparśa-mudrā*. Inscription at the back gives the creed in four lines written in the 8th or 9th century letters.	$2\frac{1}{2}'' \times 3\frac{1}{4}''$.
43	Ditto ...	A small figure representing some form of vajrapāṇi standing on two Naga figures whose tails are joined together, having *vajra* in each of his two hands and a snake hanging from his shoulders, with right knee bent as in *pratyālīdha* attitude. The head appears to have a crown of serpentine hoods. The back of the pedestal bears the creed formula written in Nagari letters of about the 8th or 9th century, A. D.	$2\frac{3}{8}'' \times 3\frac{5}{8}''$.

No.	Particulars of site.	Description of finds.	Measurement.
1	2	3	4
44	Site No. Ia ...	A small image of Mañjuśri sitting in the attitude of exposition of law, with the book of knowledge placed in lotus whose stem is held in his left hand. Back bears the creed formula.	$3\frac{1}{8}'' \times 2\frac{2}{8}''$.
45	Ditto ...	Image of Buddha sitting in *bhūmisparśa-mudrā* with a miniature stupa shown at the two sides of his head. The creed is cut at the back.	$2\frac{1}{8} \times 1\frac{7}{8}''$.
46	Ditto ...	A figurine of Jambhala or Kubera sitting in Indian fashion with his usual attributes of mangoose in the left hand and Jambhara or lemon in the right hand.	$2\frac{3}{4}'' \times 1\frac{3}{4}''$.
47	Ditto ...	Miniature figure of Buddha in *vajrāsana* with the creed cut at the back in letters of the 7th or 8th century A.D.	$1\frac{5}{8}'' \times 1\frac{5}{8}''$.
48	Ditto ...	Miniature tablet showing two feet of a Bodhisattva (?)	$1\frac{3}{4}'' \times 1\frac{1}{2}''$.
49	Site No. III ...	Upper portion of vessel (?) with ribs round the mouth.	$2\frac{1}{4}'' \times 3\frac{1}{4}''$.
50	Ditto ...	Disc, probably part of umbrella	$10\frac{1}{2}''$ in diameter.
51	Ditto ...	Head with halo of a Buddha figure sitting under a Peepal tree.	$5\frac{3}{4}'' \times 3\frac{3}{4}''$.
52	Ditto ...	Torso of a Bodhisattva figure	$6\frac{1}{4}'' \times 3\frac{1}{4}''$.
53	Ditto ...	Head of a small figure of a female with hair braided on right side and a large ring in the right ear. Left cheek and ear gone.	$2'' \times 1\frac{7}{8}''$.
54	Ditto ...	Miniature Ganeśa figure	$2\frac{3}{8}'' \times 1\frac{5}{8}''$.
55	Site No. II ...	A crude image of Mahishamardinī of a very soft stone, found in debris to south-east of Site No. II.	$4'' \times 3\frac{1}{8}''$.
56	Ditto ...	Fragment of a pedestal with the Nālanda emblem, and portion of a votive inscription giving *dharmmoyam pravaramahoujanadi*.	$5\frac{3}{8}'' \times 4\frac{3}{4}''$.
57	Ditto ...	Fragment of some architectural stone with a standing lion having a string of pearls in his mouth.	$5\frac{1}{2} \times 3\frac{1}{4}''$.
58	Ditto ...	Headless image of Mahishāsurmarddinī ...	$4\frac{1}{2}'' \times 3\frac{1}{4}''$
59	Site No. Ia ...	Small head of Bodhisattva of very fragile stone, nicely carved.	

No.	Particulars of site.	Description of finds.	Measurement.
1	2	3	4
		METAL OBJECTS.	
		All the objects listed below require thorough cleaning by the archæological chemist, before the inscriptions they bear can be made out and their details described.	
60	Site No. Ia ...	Image of Tārā, two-armed, with a large halo sitting in Indian fashion, holding lotus in left hand and having right hand stretched in "charity" or *vara-mudrā* with inscription at the back of the halo covered with thick coating of rust or verdigris. Umbrella missing.	5½″ × 3½″.
61	Ditto ...	Tārā, four-armed and sitting cross-legged. Inscribed at the back of halo and covered with thick coating of rust or verdigris. Umbrella missing.	.....
62	Ditto ...	Image of a Bodhisattva, Avalokitesvara, or Maitreya with a *dhyāni* Buddha on the head. Right hand is extended in *vara-mudrā*. Left leg is hanging below and the left foot missing. Umbrella and stick gone. Covered with verdigris or rust.	4″ × 3″.
63	Ditto ...	Image of a Bodhisattva, sitting, with right hand in *vara* and the left in *abhaya-mudrā* holding lotus or Champaka stem. Back embossed and bears the creed formula. It is thickly covered with rust.	2⅜″ × 4½″.
64	Ditto ...	Image of Tārā, four armed, with halo and umbrella, and badly rusted.	6″ × 3″.
65	Ditto ...	Image of Buddha sitting in *bhumisparśa-mudrā*. The head is separated and halo broken.	3½″ × 5″ with head.
66	Ditto ...	Image of Bodhisattva, two-armed and sitting, the halo is mostly gone. It is covered with thick verdigris and is embossed at the back where the creed formula is engraved in minute letters.	3¾″ × 3″.
67	Ditto ...	Image of Tārā Lotus whose stem is held in the left hand, is gone. The halo is broken, the right hand is extended in *vara-mudrā*. The female figure seated under her right foot in adoration probably represents the donor.	4¼″ × 2¾″.
68	Ditto ...	Metal vase (?) or finial, broken in four parts with neck surmounted by a circular top. It is thickly coated with rust.	14¼″ high and 21″ in circumference.
69	Ditto ...	A small bell	2½″ long.
70	Ditto ...	A metal hook?	6⅞″ × 2″.
71-95	Ditto ...	Twenty-five different fragments of metal images mostly forming part of halo and umbrellas and some bearing inscriptions.	

No.	Particulars of site.	Description of finds.	Measurement.
1	2	3	4
		METAL OBJECTS—*contd.*	
96-97	Site No. Ia ...	Two small bells of copper	About $1\frac{1}{4}''$ in diameter.
98	Ditto ...	Several padlocks, rings, etc., two baskets full of these.	...
		TERRACOTTA PLAQUES, SEALS AND STUCCO OBJECTS.	
99	Site No. III ...	Lotus in stucco	4" in diameter.
100	Ditto ...	Stucco head, left side and right ear missing ...	$6\frac{1}{8}'' \times 3''$.
101	Ditto ...	Terracotta tablet, fragmentary. In the centre is shown Buddha preaching, flanked by Avalokitesvara and Maitreya with five *dhyāni* Buddhas sitting in a row above his head. To the right side near the border there is a *dhāyani* Buddha and a Bodhisattva sitting, representing Amitābha and Padmapāṇi respectively. The figures on the left side are Maitreya and his spiritual father Amoghasiddha. The female deities on the sides stand for white and blue Tārā and Kurukullā and Bhrikuṭi.	$6\frac{3}{4}'' \times 6''$.
102	Ditto ...	Votive Terra-cotta plaque with 21 lines of minute writing, having a stupa flanked by a lamp or torch-like article on the left and a flower-like object on the right shown in relief at the top.	$4'' \times 3\frac{3}{4}$.
103	Ditto ...	Terra-cotta plaque broken at bottom; rest as above.	$3\frac{1}{4}'' \times 3\frac{1}{2}''$.
104	Ditto ...	Ditto broken at right side of top; major portion from proper left side of inscription gone.	$4'' \times 3\frac{7}{8}''$.
105	Ditto ...	Votive terracotta plaque with elongated top, bottom flattened by breakage, showing Maitreya seated in halo with some writing at his feet and round him.	$4\frac{1}{4}'' \times 2\frac{1}{2}$.
106	Ditto ...	Ditto ditto. as above, better in preservation.	$3\frac{3}{4}'' \times 2\frac{3}{4}$.
107	Ditto ...	Ditto ditto.	
108	Ditto ...	Ditto ditto. broken at proper left side.	
109	Ditto ...	Ditto ditto. left side and top gone, right border damaged.	$3\frac{1}{4}'' \times 2''$.
110	Ditto ...	Fragmentary terracotta plaque showing Buddha on lotus seat in earth-touching attitude and Padmapāṇi standing at the right side.	$3\frac{1}{4}'' \times 2''$.

No.	Particulars of site.	Description of finds.	Measurement.
1	2	3	4
		METAL OBJECTS—*contd.*	
111	Site No. III ...	Fragment from proper left lower side of a terracotta plaque with five Bodhisattva figures, one of which is mostly gone.	$2\frac{1}{2}''$ × $3\frac{1}{4}''$.
112	Ditto ...	Votive terracotta plaque, lower part broken, showing Maitreya sitting with right le extended down and resting on a lotus a some writing round him as in No. 106.	$3\frac{1}{2}''$ × $2\frac{3}{4}$.
113	Ditto ...	Fragment from the right side of a votive terracotta plaque with the image of Maitreya.	$3\frac{1}{2}''$ × $1\frac{1}{2}''$.
114	Ditto ...	Votive Terracotta plaque like No. 103 ...	$4\frac{1}{4}''$ × $4\frac{1}{4}''$.
115	Ditto ...	Upper fragment of a votive terracotta plaque as No. 115.	$1\frac{3}{4}''$ × $2\frac{3}{4}''$.
116	Ditto ...	Terra cotta plaque in two parts showing Buddha sitting in *bhumisparśa-mudrā* with Padmapāni and Maitreya standing at his right and left sides. A small portion from right upper corner wanting.	$4\frac{3}{4}''$ in diameter.
117	Ditto ...	Votive terra-cotta plaque with Buddha sitting in *bhumisparśa-mudra* between two stupas and three-lined inscription below.	$1\frac{1}{2}''$ × $1\frac{3}{4}''$.
118	Ditto ...	A small terracotta plaque, in diameter, stamped with the creed formula.	nearly $1\frac{1}{8}''$ in diamater.
119	...	Seal of sun dried black clay with hole for pas ing string at the back and a legend of four letters which possibly reads *Devadat*(t)*asyah*(sya) (third letter nt clear may be *pra* or *pa*)	about one inch in diameter
120	...	Fragmentary votive clay seal with pointed top showing some nine miniature stupas and a few letters of writing which has disappeared with the missing portion.	$3\frac{3}{4}''$ × $3\frac{3}{8}''$.
121	Ditto ...	Stucco head of a male figure	$3\frac{1}{4}''$ × $2\frac{1}{4}''$.
122	Ditto ...	Black clay seal with two impressions of Nālanda emblem below which there is a two-lined legend purporting to belong to a *dharmakosthika* or officer in charge of alms-house.	$2\frac{3}{8}''$ × $1\frac{7}{8}''$.
123	...	Seal of red clay with Nālanda emblem below which there is a two line legend.	$1\frac{1}{2}''$ in diameter.
124	...	Face of votive terracotta plaque (elliptical in shape) with 11 lines of writing.	$1\frac{3}{8}''$ × $1\frac{1}{4}''$.
		POTTERY.	
125	...	A nice little pot of black clay with a top like lid.	$3\frac{3}{4}''$ in height including the neck and $11\frac{1}{2}''$ in circumference.

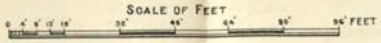
No.	Particulars of site.	Description of finds.	Measurement.
1	2	3	4
		POTTERY—*concld.*	
126	...	Two lots of miscellaneous pottery and fragments of carved stones or images.	
127	...	Large earthen jar	2′ 3⅝″ high × 5′ 10″ in circumference, the mouth being 8¼″ in diameter.
		COINS.	
128	...	Gold coin of Pratāpāditya found at south-east corner outside main monastery at a depth of 24′ from top of existing basement or about 12′ from the present ground level of the B monastery (cf., Vincent Smith, Catalogue of Coins in the Indian Museum page 268, plate XXVII-5.)	
129	Site No. Ia ...	One silver coin not yet identified. Found at Site No. Ia outside north-west corner room to the west of pavilion, about 5 feet below the basement.	

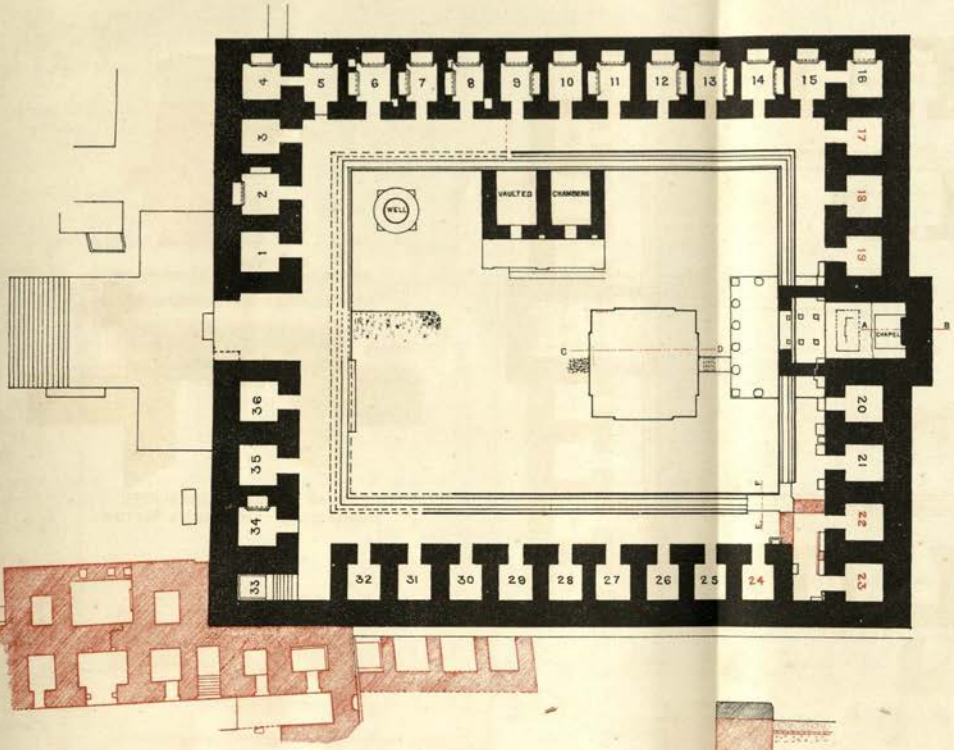
B. & O. G. P. (E. & M.) No. 83—552—5-11-1920—C. J. H.

NALANDA EXCAVATIONS

PLAN OF MONASTERIES ON MAIN SITE

SCALE OF FEET





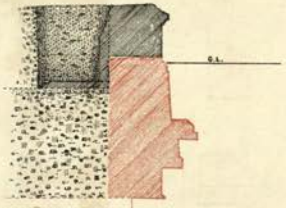
PREVIOUS EXCAVATIONS

PRESENT " "

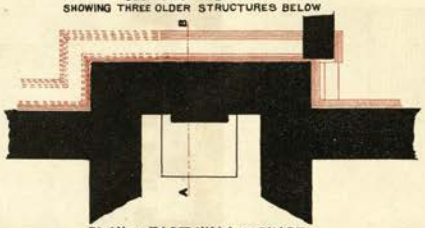
SECTION ON E.F.

SCALE 1 INCH = 8 FT.

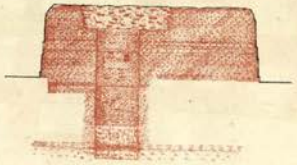
SCALE OF FEET



SECTION ON A.B.
SHOWING THREE OLDER STRUCTURES BELOW



PLAN OF EAST WALL OF CHAPEL
SHOWING DETAILS OF AN EARLIER STRUCTURE



SECTION ON C.D.

H. Bose, del.

Asst. Superintendent,
Archaeological Survey,
Central Circle.

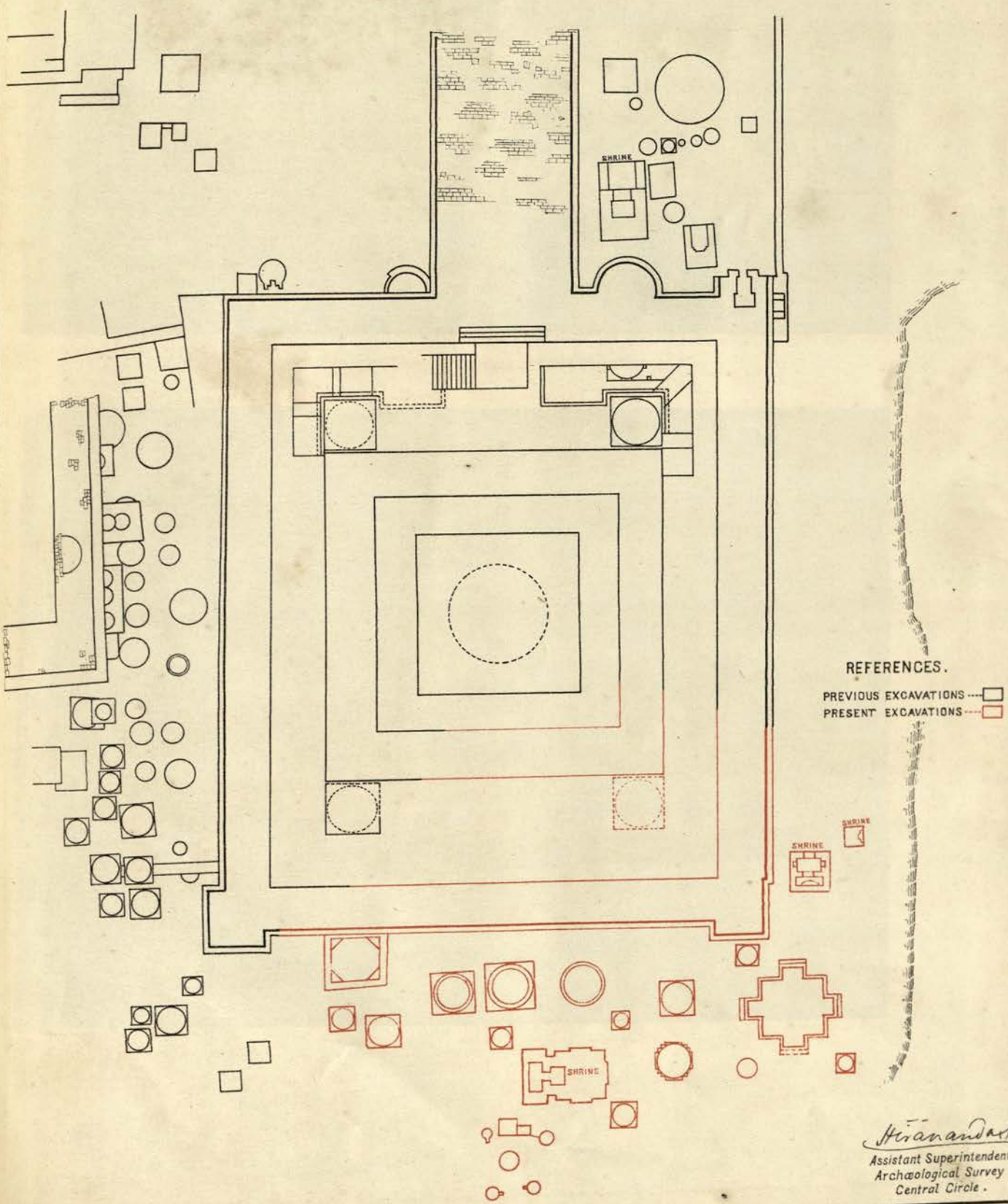
HELIOZINCOGRAPHED AT THE SURVEY OF INDIA OFFICE, CALCUTTA.

NALANDA EXCAVATIONS.

PLAN OF MAIN STUPA WITH SUBSIDIARY STUPAS.

SCALE OF FEET.

0 3 10 20 30 40 50 60 70 80 90 100 FEET.



Hiranand Sastri
Assistant Superintendent
Archæological Survey
Central Circle.

HELIOZINCOGRAPHED AT THE SURVEY OF INDIA OFFICES, CALCUTTA.

Reg No. 3974 E. 20

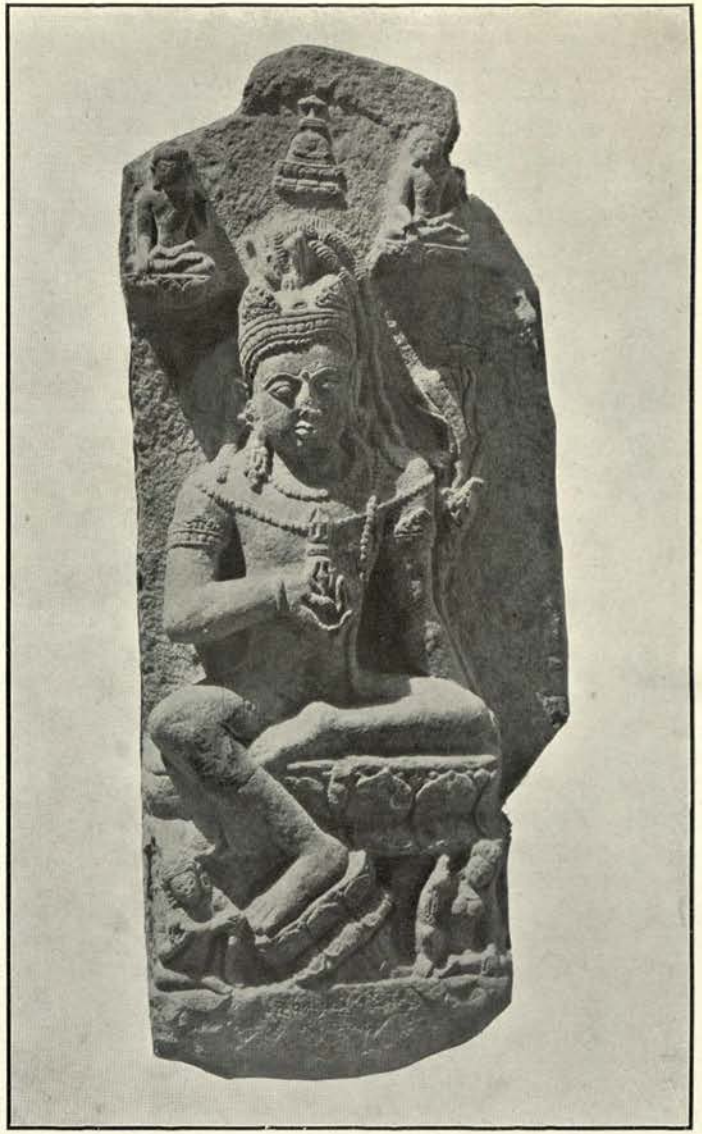
a. UNKNOWN DIVINITY.
(NĀGĀRJUNA?)

b. MAITREYA.
(ENSHRINED WITH FIGURE (I).)

Photo-engraved & printed at the Offices of the Survey of India, Calcutta, 1929.

a. Unknown Goddess. (Kotisri?)

b. Head of a female figure.

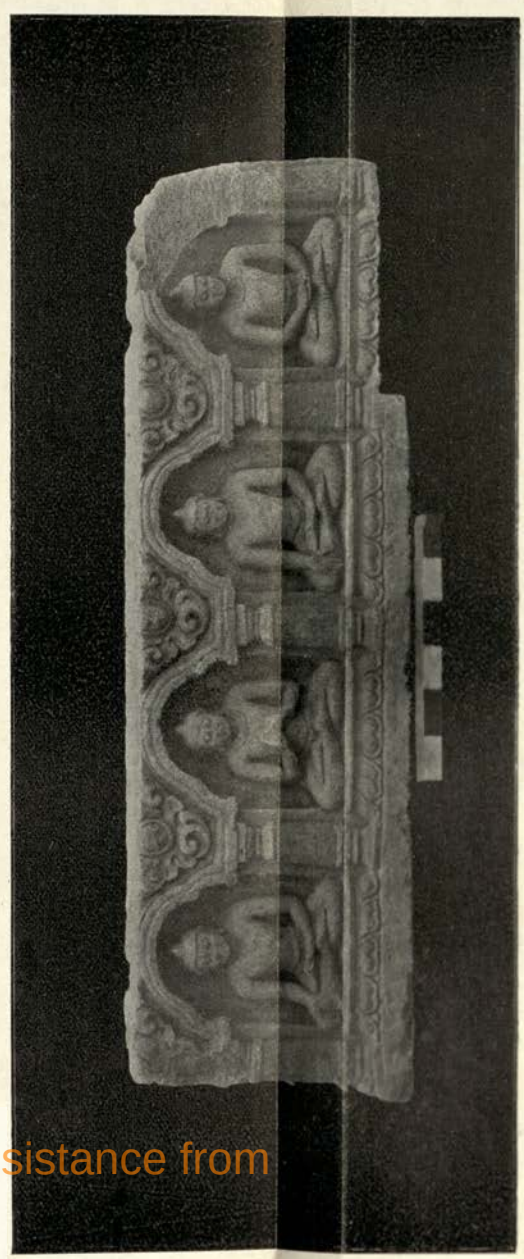


c. Vajrasattva?

Photo-engraved & printed at the Offices of the Survey of India, Calcutta, 1929.

b. VAJRASATTVA?

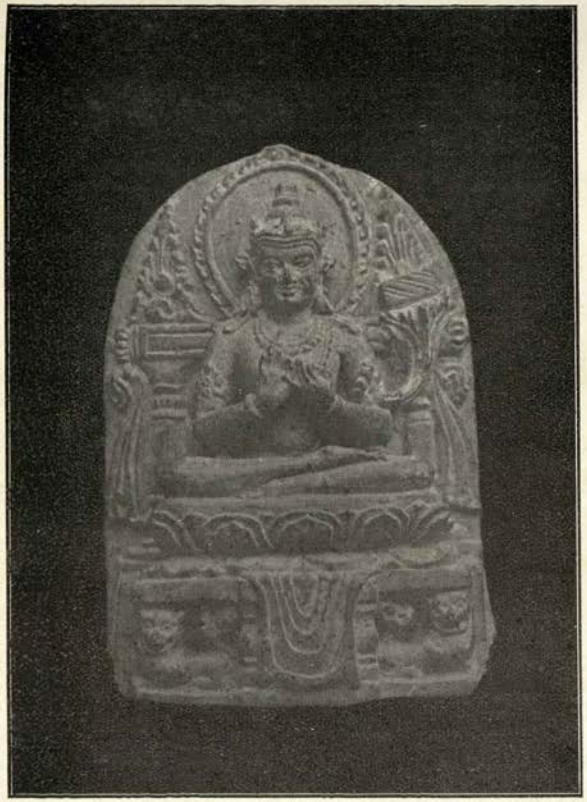
a. MAÑJUŚRĪ.



c. BUDDHA SITTING IN DIFFERENT POSTURES.

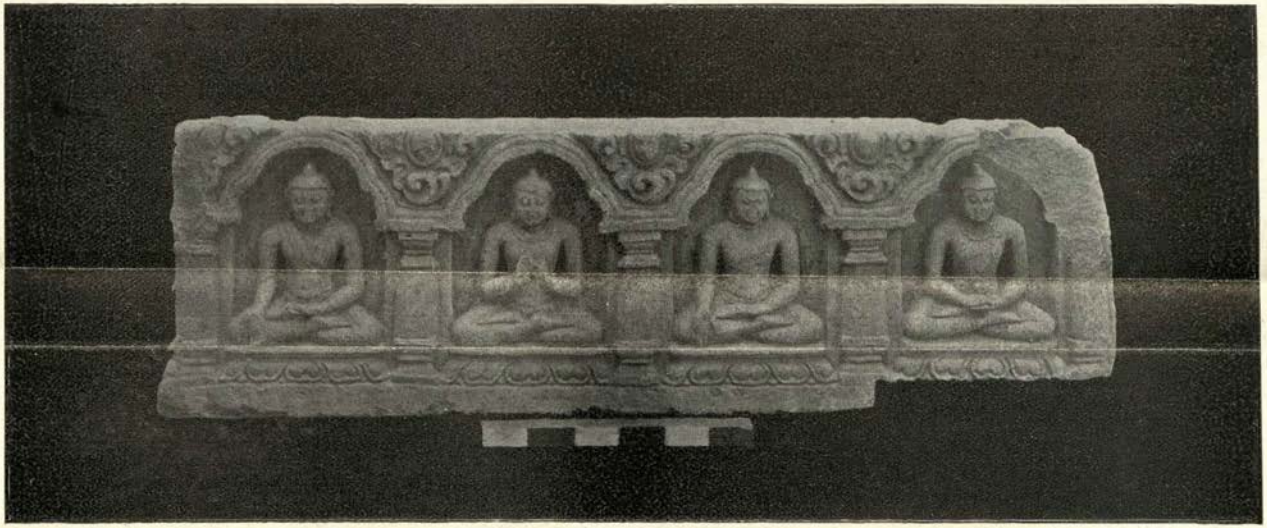
Photo-engraved & printed at the offices of the Survey of India, Calcutta, 1926.

Digitized with financial assistance from NSDL Technology Trust & Reach on 24 February, 2020



a. MAÑJUŚRI.

b. VAJRASATTVA?



c. BUDDHA SITTING IN DIFFERENT POSTURES.

PLATE V.

Photo-engraved & printed at the Offices of the Survey of India, Calcutta, 1929.